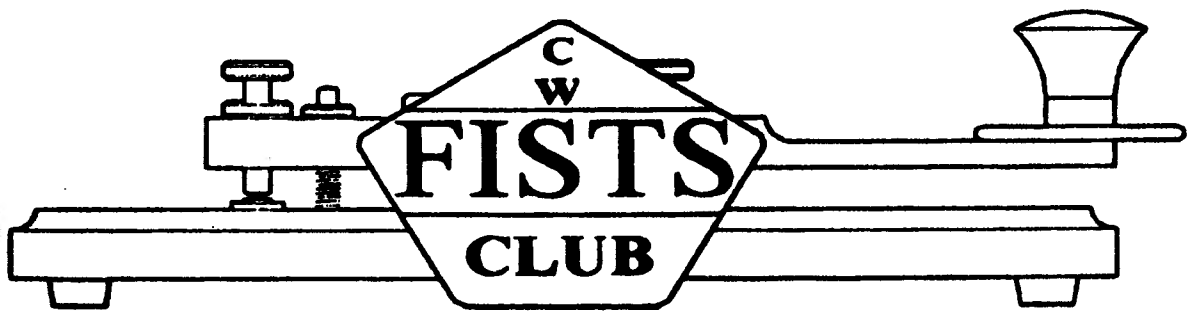


The Keynote

Newsletter of FISTS CW Club

The active chapter of the International Morse Preservation Society

“Accuracy Transcends Speed”



- Further the use of CW
- Encourage newcomers to use CW
- Engender friendships among members

‘ “When You’ve Worked A FISTS, You’ve Worked A Friend”

When you have a question about FISTS, go to the source for the correct answer.

Posting a question on a chat room or email reflector may result in a lot of opinions, but your best bet is to ask a FISTS volunteer or look in this reference issue.

Please put the word 'FISTS' somewhere in the title of your email. This will help the volunteer recognize that your email is important and not spam.

For questions about:

**Awards and Certificates contact
Dennis Franklin, K6DF, fistsawards@comcast.net**

**The QSL Bureau contact
Stan Reas, K4UK, k4uk@rev.net**

**Our club call KN0WCW contact
Karl Zuege, KB1DSB, kb1dsb@arri.net**

**The membership roster, call changes, name changes contact
Ed Hayes, N7CFA, n7cfa@msn.com**

**To get an application or sample Keynote sent to a friend contact
Jim Ranieri, AA9LS, aa9ls@turbotoads.com**

**Web page changes, getting your personal or club webpage linked, etc contact
Webmaster Bill Myers, KK4KF, kk4kf@cox.net**

**Club presentation packets contact
Joe Spencer, KK5NA, kk5na@kk5na.com**

**To change or include your email address on the FISTS email list contact
Kathi Hilton, N0FKA, fistelist@comcast.net**

**Code Buddy volunteers and buddies contact
Nick Yokanovich, K3NY, & The Historical Electronics Museum Amateur Radio Club,
w3hem@arri.net**

**Sprints contact
Dan Sheperd, N8IE, W8PIG@yahoo.com**

**Get Your Feet Wet Weekend contact
Lee Hallin, N7NU, hallinl@lanecc.edu**

All other questions, including supplies, tapes for the blind, address changes, general membership questions and articles for the Keynote contact Nancy Kott WZ8C, nancy@tir.com; PO Box 47, Hadley MI 48440, phone 810-797-2033, fax 810-797-5808.

FISTS CW CLUB

THE INTERNATIONAL MORSE PRESERVATION SOCIETY

NANCY KOTT WZ8C PO Box 47 HADLEY MI 48440

NANCY @TIR.COM PHONE: (810) 797-2033 FAX (810) 797-5808

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HOW DO I...?

Info on How to Do just about anything related to FISTS

Please read this - it really will answer most of your questions

HOW DO I JOIN?

Membership is open to all people interested in Morse code, irrespective of their speed and ability.

An application form is not necessary to join, but it gives us a more complete picture of our membership. You can download a North American membership application on the FISTS web page: <http://www.fists.org>.

An application can be mailed to you. Send a message Jim Ranieri, AA9LS, aa9ls@turbotoads.com and he will email it to you, or mail an SASE to him at 33778 Rebecca Rd, Kingston IL 60145 and Jim will send you an application via return postal mail.

To join without an application, send your name, call, and mailing address with your membership fee to Nancy WZ8C, PO Box 47, Hadley, MI 48440 (checks payable to FISTS).

To join using Paypal (www.paypal.com), send the funds to fists@tir.com. In the comments box, type NEW MEMBERSHIP, your callsign, name and mailing address if different from your Paypal address.

HOW MUCH DOES IT COST?

Subscriptions are **\$15.00/year**; Under 18= **FREE**; College students = **\$10**. Family members may join FISTS at no extra charge-only one newsletter is mailed per household.

Please make checks payable to FISTS CW Club and send to FISTS, P O Box 47, Hadley, MI 48440.

Do not send FISTS correspondence to Nancy WZ8C's callbook address.

Checks can take 6-8 weeks to clear from the day received. Nancy processes them, then takes them to the bookkeeper. The bookkeeper enters them into the "official books", then takes them to the bank. Depending on schedules that month, it can take 6-8 weeks. ***It does NOT take 8 weeks to get your number, it just may take that long for your check to clear.***

NOTE: To continue a teen (17-) or old-timer membership (80+), you must notify WZ8C of your continued interest in FISTS, renewals are not automatic.

HOW DO I JOIN USING MY PAYPAL ACCOUNT?

North American FISTS accepts PAYPAL (<http://www.paypal.com>). Address your PAYPAL payment to **FISTS@TIR.COM** To join via Paypal, type "New Membership" in the Paypal Comments Box, your name (if different from the name on your Paypal account), callsign, and mailing address.

HOW DO I KNOW WHEN TO RENEW?

A FISTS volunteer sends out renewal postcards, but if you renew prior to your renewal month it will save postage and printing costs as well as volunteer time. Your renewal date is on your Keynote mailing label in the form of year, month, date. For example 2005/4/4 would be a renewal date April 2005. The date of the month is meaningless, but the computer program requires a date, so generally the date of the month is the same as the month. 2005/12/12; 2006/5/5 etc. **RENEWALS ARE FREE FOR AGES 80 AND UP & 17 AND YOUNGER.**

HOW DO I RENEW?

To renew, send \$15 to Nancy WZ8C (checks payable to FISTS) at FISTS, PO Box 47 Hadley MI 48440.

HOW DO I RENEW WITH PAYPAL? If you have a Paypal account, send the funds to fists@tir.com; put "RENEWAL" in the Comment Box, along with your callsign.

MAY I RENEW FOR MORE THAN ONE YEAR AT A TIME?

Yes! You may renew for as many years at a time as you like, but there is not a 'quantity' discount.

MY MEMBERSHIP LAPSED, CAN I GET MY OLD NUMBER BACK?

Yes - numbers are not reassigned. If you have had a number in the past, please let Nancy know at the time of your renewal. so she can 'reactivate' it

WHERE DO I MAIL A DX APPLICATION OR RENEWAL?

ZL,VK applications are go to Ralph Sutton, ZL2AOH at 12C Herbert Gardens, 186 The Terrace, Wellington 6001, New Zealand. East Asia inquiries to Jean at join@fists-ea.org All other applications are to be mailed to Geo Longden, G3ZQS at 119 Cemetery Rd, Darwen Lancs, BB3 2LZ.

HOW DO I GET A NUMBER FOR MY LOCAL CLUB? Clubs with FCC call signs may be assigned a FISTS number at no charge providing there is at least one FISTS member in good standing in the local club. These clubs are not legally affiliated with FISTS, nor does FISTS have anything to do with how the club is run, etc. It just means the club has a FISTS number and is worth three points toward awards. If the club wants a newsletter, there is a \$15 a year charge. To defray costs, please enclose \$3 when a club applies for an award and wants a certificate. There is no charge for a Century Certificate number, just for the certificate if one is desired. Membership certificates are \$1 for clubs.

HOW DO I UPDATE MY ADDRESS or CALL SIGN ON THE FISTS DATABASE?

Send corrections or changes to Nancy Kott, WZ8C, at FISTS, P. O. Box 47, Hadley, MI 48440 or email to nancy@tir.com. Please send labels with your corrections to the FISTS QSL Bureau so the bureau workers don't have to change all your SASEs by hand.

HOW DO I GET A PRINTED UP-TO-DATE MEMBER LIST? Send a SASE with \$2.00 (US) to Ed N7CFA 2628 Lilac Street, Longview, WA 98632. Lists are available on the FISTS Web page. The search engine feature on the main web page is updated more frequently than the text list on the web page, but only includes North American members.

HOW DO I GET ON THE FISTS EMAIL LIST? To receive periodic official Email updates, send your Email address, call sign and FISTS number to Kathi Hilton. fistelist@comcast.net. If you put your email address on your application, it is automatically added to the list.

Due to potential spam problems, the list is NOT given out to the membership and is NOT published on the web page. It is ONLY used to notify you of FISTS items of interest. If you want people to know your e-mail address, we recommend you include it in your listing on QRZ.com or Buckmaster lookup service.

HOW DO I ORDER CLUB SUPPLIES? Irene W08E 44609 N. Bunker Hill Dr., Clinton Twp, MI 48038 is our Supply Manager. Our supplies are sold as close to cost as possible We offer:

Metallic gold logo stickers, 200 for \$3.50

I "red heart graphic" CW Stickers, 3/4" round stickers, \$3.50 for 200

Blue enamel cloisonne/gold metal "FISTS CW CLUB" octagon logo pin, with tie-tack type pin back \$1.50

White enamel cloisonne pin "I (red heart graphic) CW" "FISTS CW CLUB" along edge. 3/4" diameter circle tie-tack type pin on back \$1.50

Embroidered cloth patch of our rectangle key logo, \$1.00. The patches can be ironed on or sewn.

You may use Paypal to order supplies. Send the total amount to fists@tir.com and put the items you would like in the comments box. Be sure your name & address are included.

ALL PRICES INCLUDE POSTAGE. DO NOT ADD POSTAGE TO YOUR TOTAL

HOW DO I GET FISTS SHIRTS? Show the world that you are proud to be a FISTS member. We have t-shirts, sweatshirts, and polo shirts. The front of the t-shirts and sweatshirts are printed in silver:

I'm PROUD to be a KNOW CODE Ham

and the backs of the shirts are printed in light blue with the FISTS key logo graphic and

Join the Code Crusade

<http://www.fists.org>

The T-shirts are available in two solid colors: **black or royal blue** (a medium blue, not navy)

Sweatshirts are gray with royal blue printing on the front and back.

The **polo/golf shirts** are **sky blue** with the FISTS key tastefully EMBROIDERED on the top left side. They are short sleeved and have a knit collar and a couple buttons at the neck.

Sizes are small, medium, large, XL, 2XL, and 3XL. All shirts are 50/50 blend. The T's are "Best" Fruit of the Loom. Sweats are 5.8 oz Jerzee and Polos are Fruit of the Loom. The total prices including postage are:

T-shirts = \$6.00

Sweats = \$11.00

Polos = \$15.00

NOTE: Contact Nancy WZ8C (nancy@tir.com) for non-USA or bulk order postage.

You may order using Paypal. The email address to use for Paypal is fists@tir.com. Do NOT use nancy@tir.com. In the "comments" box of the Paypal form, please be specific about what you are ordering, since this info will be used to fill your order.

To order by mail, send your order (don't forget to include what color tshirt you want, and the size!) to

Nancy Kott WZ8C, PO Box 47, Hadley MI 48440

Checks payable to FISTS, Paypal to fists@tir.com.

This is a limited time opportunity. When the shirts are gone - they're GONE, so get yours now!

HOW DO I GET/SEND FISTS QSL CARDS Via BURO? Keep SASEs in stock with the FISTS QSL Bureau. Stan Reas K4UK runs the Bureau. Send envelopes to 1020 Long Island Drive Moneta, Va 24121

HOW DO I SEND APPLICATION OR SAMPLE NEWSLETTER TO A FRIEND? For a brochure, email Jim AA9LS at aa9ls@turbotoads.com with their name, call sign, and postal address. SASEs are appreciated. Joe's postal address is 33778 Rebecca Rd, Kingston IL 60145 An application is available for downloading on our web page <http://www.fists.org>.

PAY FOR THE SUBSCRIPTION OF A DX FISTS MEMBER? Subs for European FISTS, paid from the USA, are \$10/year American Cash. Non-European (Africa etc.) FISTS are \$15/year in US CASH. No International Money Orders, postal money orders or personal checks, cash only. Send it to Geo Longden, 119 Cemetery Rd, Darwin Lancs BB3 2LZ U.K. CASH ONLY. Don't forget to include the name and address of the DX ham you want to sponsor. They will receive the DX version of the Keynote, which is written and mailed by Geo. For Oceania or East Asia, contact these chapters directly. Geo accepts paypal to fist1@btinternet.com.

APPLY FOR AN OPERATING AWARD?

Dennis Franklin K6DF is the Awards Manager. We have many different operating awards. Details are on our web page or in the Keynotes. Dennis's contact information is fistsawards@comcast.net or 4658 Capitan Drive Fremont, CA 94536-5448. Please put FISTS in the title of your email.

WHAT IS KN0WCW AND HOW DO I OPERATE KN0WCW?

KN0WCW is the USA FISTS Callsign. Members in good standing (meaning, paid up dues) can operate KN0WCW from their home station after getting PERMISSION. To get permission, contact Karl Zuege, KB1DSB

(kb1dsb@sover.net). A schedule of operators can be found on the FISTS Web page. Remember, when you're using KN0WCW, you're flying the flag for FISTS, so please operate responsibly.

HOW DO I VOLUNTEER FOR or GET A CODE BUDDY?

W3GR, The Historical Electronics Museum Amateur Radio Club members are the volunteers handling the Code Buddy Program. Contact them at Box 746 MS 4015, Baltimore, MD 21203 or Email W3GR@arrl.net. We need ELMERS and Buddies, please volunteer to be a Code Buddy!! You don't have to be a speed demon to be a Code Buddy, lots of people just want someone to practice with, just like YOU! Code Buddy applications are available on line or from W3GR.

HOW DO I GET MY PHOTO ON THE PHOTO PAGES?

Send a snapshot of yourself with your face about the size of a quarter to Ken W8ROG 44609 N. Bunker Hill Dr., Clinton Twp, MI 48038.

HOW DO I RECEIVE THE KEYNOTE ON TAPE?

The keynote is available on tape, free, to legally blind members. Contact Ken Kott, W8ROG, 44609 N. Bunker Hill Dr., Clinton Twp, MI 48038.

HOW DO I GET A COPY OF FISTS PRESENTATION to give at my local club meeting?

It's easy and fun! We send you everything you need for a snazzy 15-20 minute presentation. Contact Joe Spencer, KK5NA, 3618 Montridge Ct, Arlington TX 76016.

HOW DO I SUGGEST IDEAS FOR THE WEB PAGE? Contact Bill KK4KF at kk4kf@cox.net

HOW DO I ORDER FISTS CLUB QSL CARDS?

You may use the FISTS logos and get cards from any printer you wish. Cheapqsls.com has made a special FISTS card with special pricing for FISTS members. For ordering information and to see the cards visit <http://www.cheapqsls.com/fists.htm>

HOW DO I ORDER A FISTS CLUB ID BADGE?

Our club badge is dark blue, with FISTS logo in gold and your name, FISTS number, callsign, and Int'l Morse Preservation Society" in white. They are \$8.20 postpaid from The Sign man of Baton Rouge, 879 Castle Kirk Dr., Baton Rouge, LA 70808.

HOW DO I IMPROVE MY CODE SPEED and MEET LOTS OF NEW FRIENDS? Join FISTS! Get involved in the nets and activities! Volunteer to be a Code Buddy! Write an article for the Keynote about your interests!

HOW DO I GET A COPY OF THE K7QO CODE COURSE? FISTS makes this wonderful course available free of charge. To get a copy, when available, send an SASE big enough to hold a CD and with enough return postage to Nancy WZ8C PO Box 47, Hadley MI 48440.

The Official Story of how FISTS got its Name

I used to be a member of TOPS before it went out. Quote on their banner was "Where FISTS Make Friends". A "FIST", as you know, is nothing more than a CW ops' reference to another ops' keying characteristic. Phil (TOPS founder/sec) was delighted when I told him of the connection though he was later to follow his XYL and his beloved dog, but I will never forget the enthusiasm which came back from his old vibro. 73 de Geo G3ZQS FISTS Co-Founder

FISTS AWARDS

General Information

All FISTS awards can be applied for via e-mail.

Send an e-mail to the Awards Manager with your call sign, name and address, FISTS membership number, and the name of the award you are applying for. Attach your log of all contacts for the award to the e-mail. The ONLY files that can be accepted are; Excel, Word, and Text files. Put the word FISTS in the title of your email.

DO NOT send logs that are scanned images of your log pasted into Excel and Word documents. Scanned images of log pages will not be accepted.

The ONLY data on the log should be Call, Date, Band, FISTS Nr, Points, CC number.

=====

IMPORTANT (For logs submitted via e-mail): Use a SINGLE TAB between data elements. NO SPACES. The information on your attached log is exported into Excel and checked for duplicate contacts. The data cannot be exported properly if there are spaces instead of ONE TAB. Each data element must be in a field of its own. Which means, DO NOT include any other information such as "QTH", "Name", or the letters "FISTS #", or "CC" in with any of the data.

Logs that DO NOT follow this format will be returned unprocessed.

We realize that the data will not line up in neat even columns when using a single TAB. It doesn't matter if the data on the log lines up or not because it is checked using a computer program, not by printing it out and looking at it. It just takes too much time to convert the logs with spaces in them to a log with a single TAB, so they will not be accepted.

=====

Carefully check your log for duplicate contacts and delete them prior to sending your log for an award. Deleting Dupes from your log is your responsibility. Paper and electronic logs with excessive Dupes will be returned and not processed.

Please do not send logs that are scanned images (.jpg .gif for example) of your log pasted into Excel and Word documents. Scanned images of log pages will not be accepted. All logs must have "editable" text.

When you apply for an award, please send the complete log for that award. For example, if you have the Silver award and are applying for the Gold award, send the complete log showing all contacts used for the Gold award 500 points.

If you are mailing your award application, **DO NOT SEND YOUR ORIGINAL LOG**: send a copy. After the logs are checked the logs are discarded, as it is too expensive to mail them back. If you want your log returned, include sufficient return postage.

All contacts submitted in award logs must have been made via two-way CW mode on the air using the call sign, or a previous call sign held by the person submitting the award log.

There is no charge for awards of FISTS members whose dues are current.

Clubs with FISTS Numbers that haven't paid dues, non-FISTS, and FISTS members whose dues are not current **are** eligible for awards but must enclose \$3 to help defray expenses.

All FISTS members, worldwide, can submit their awards to:

FISTS Awards Manager Dennis Franklin K6DF, 4658 Capitan Drive, Fremont, CA 94536-5448

Or email to: fistsawards@comcast.net Please put the word FISTS in the title of your email.

Dupe Check Sheets

A "Duplicate" Check Sheet must be included with all submitted paper logs of over 100 contacts that are not sorted by FISTS number for Century Awards, or sorted by CC number for Platinum Awards. If your log is sorted by FISTS number or CC number, you do not need to send a Dupe Sheet.

NOTE: The NANFA Award does not require a Dupe Sheet.

A "Dupe" check sheet can be downloaded from the FISTS web page. To view it online, just click the link. To download, "right mouse click" on the link and "save as" to your hard drive.

To make your own Dupe Sheet, take a blank sheet of 8.5 by 11 paper and turn it sideways so that the long side is at the top. Write the numbers 1 through 9 along the top edge of the paper spreading them out so you have plenty of room between each number. Now, go through your award log and write the FISTS number for each QSO under the numbered column that corresponds with the first number of each FISTS number. **DO NOT USE THE CALL SIGNS.** Each time you enter a new number in a column, check down through that column to see if that FISTS number has been previously entered. If it has, then it is a dupe and should NOT be used for your Award Log. This "Dupe" sheet needs to be sent with your award log when applying for awards with over 100 contacts.

What is a CC Number?

This is one of the most asked FISTS Questions! CC stands for Century Certificate. A CC number is the number on the certificate you get when you earn the Basic Century Award. Each certificate has a sequentially issued number on it. That number is your CC number. People exchange CC numbers on the air because the Platinum awards are earned by "collecting" them. You need not have a CC number to collect CC numbers, but it makes it more fun if you can give one out, too.

The Century Award Series

IMPORTANT TO REMEMBER: For the Century Series, a FISTS number can only be counted once.

YOU don't have to be a FISTS member at the time of the contact, but THE PERSON you are claiming for Century Award points must have a FISTS number AT THE TIME OF THE CONTACT. For example, if you QSO with someone who is not a FISTS member, but they join FISTS after the QSO, you must work them again for credit. You cannot count the QSO you had before they joined FISTS toward the Century Award.

The person you contact does not have to be an Active Member at the time of your contact. Their number still counts. It would be impossible for our Awards Manager to cross-check dates of renewals to the contact dates, so we make it simple and say "everyone counts". We would hope that if someone cares enough to give out their FISTS number on the air, they will care enough to support the club, but their number counts regardless whether they are a member in good standing or not.

A QSL card is not needed to claim the contact for Century Awards. A worksheet is available on the FISTS Web page in PDF format (you need the FREE Adobe Reader to view/use it). Use it to help keep track of stations worked, and it can be used for ALL of the Century Awards.

Basic Century Award

The Century Award is earned by working 100 points of FISTS members. FISTS operating from the same country that you are in are worth one point. FISTS operating from a different country, as defined by DXCC rules, are worth two points. FISTS affiliated club stations are worth three points.

The following FISTS National Club Stations are worth 5 points towards FISTS awards;

GXØIPX #0001, ZL6FF #9600, VK2FDU #9610, and KNØWCW #10,000

Silver Century Award

The Silver Century Award has the same rules as the Basic Century and is for a total of 250 points. Points used to claim the Basic Century may be used toward the Silver Century Award. Send a log showing all 250 points used for the Silver Award.

Gold Century Award

The Gold Century Award has the same rules as the Basic Century, but it is for a total of 500 points. Points used to claim the Basic Century & Silver Century may be used toward the Gold Century Award. Send a log showing all 500 points used for the Gold Award.

Diamond Century Award

The Diamond Century Award has the same rules as the Basic Century, but it is for a total of 1000 points. Points used to claim the Basic, Silver, and Gold Centurys may be used toward the Diamond Century. Send a log showing all 1000 points used for the Diamond Award.

NOTE — If you earn your Basic, Silver, Gold, or Diamond award using QRP, (5 watts or less), please state so at the time of your application for that award. Your call will be printed on the award as, “Your Call - QRP”.

Platinum Series

Basic Platinum

This award, which used to be called the Century of the Centuries, is earned by working 100 different Century Certificate holders. The Century Certificate (CC) number must be obtained during an on-air CW QSO. Each CC number is only counted once, for a total of 100 numbers, regardless of location or band.

You do not have to have a QSL card to claim the contact for the Platinum Awards. A worksheet is available on the FISTS Web page in PDF format (you need the FREE Adobe Reader to view/use it). Use it as a check sheet to help keep track of stations worked, and it can be used for ALL of the Platinum Awards.

Platinum 250 Award

The 250 Platinum Award is for 250 Century Award holder Contacts. Send a log showing all 250 CC numbers used for the Platinum 250 Award.

Platinum 500 Award

The 500 Platinum Award is for 500 Century Award holder Contacts. Send a log showing all 500 CC numbers used for the Platinum 500 Award.

Mobile Award

This award is earned by accumulating 100 points of two-way CW QSO's made while MOBILE on or after September 1, 1998.

Point rules are the same as the Basic Century Certificate Award. Duplicate contacts do not count.

For purposes of this award “MOBILE” means: Any land motor vehicle used to transport people (car, truck, etc.)

Transmitting and receiving antennas must be physically attached to the vehicle.

Transceiver must be located inside the vehicle and powered by the vehicle's electrical system.

You may count the points claimed for the Mobile Award toward the one and two-way QRP Awards if the power is 5 watts or less. They may also be counted toward the Gold, Platinum, or other awards if you have not previously claimed these contacts.

Worked All States Award

The WORKED ALL STATES award is earned by working FISTS members in all 50 states. The station worked must be a FISTS member at the time of the contact.

Contacts must be made from the same location, or from locations no two of which are more than 50 miles apart which is affirmed by signature of the applicant on the application.

A checksheet is available in PDF format on the FISTS Web page.

Rag Chewers Award

This award is earned by making 100 two-way CW QSO's, each lasting at least 30 minutes, with another FISTS member on or after the date of September 1, 1998. Duplicate member contacts are valid, but they must be made on different dates.

1 X QRP Award

The 1 X QRP Award is earned by working 100 points of FISTS members while you are operating QRP, 5 watts or less. Same point rules as the Basic Century Award.

2 X QRP Award

The 2 X QRP Award is earned by working 100 points of FISTS members while you and the other station contacted are both operating QRP, 5 watts or less. Same point rules as the Basic Century Award.

Nightmare Alpha-Numeric FISTS Award (NANFA)

Start date for this award is January 1, 2003. THERE IS NO ENDING DATE - Take as long as you want to finish it! All contacts claimed for this award must be made after the starting date.

This award will be a lot of fun as well as a challenge. The award was created by Jack Bock, K7ZR #2656. (Silent Key)

REPEAT: There is NO TIME LIMIT to complete this award.

- 1) Contacts must be 2-way CW on-air contacts made on and after Jan 1, 2003.
- 2) Contacts can be made at any time, any place at any speed.
- 3) Contacts must be with a person or club with a FISTS number.
- 4) Contacts can be with FISTS from any country.

The object is to work stations whose call signs fit into the squares on a grid. There are 260 squares (26 letters and 10 numerals) 'Counters' are the last numeral of the call sign and the first letter of the suffix. For example, K7ZR goes in the 7 column at the Z-row. WZ8C fits in the 8 column on the C row. P31ABC would be in the 1

column on the A row. By convention, use the numeral of a portable designator if there is one - WB9CIS /M3 would be in the 3 column on the C row. Also put the date (month/day) in the square with the call sign for reference.

You can make your own grid sheet by taking a piece of 8.5" x 11" lined writing paper and drawing 10 each 3/4" vertical columns labeling them "1" through "0". Then go to the left-hand margin and label 26 of the horizontal stripes "A" through "Z".

A ready-made .pdf grid log, is available for downloading on the FISTS Web page.

To get your NANFA certificate, send your completed grid (filled in with the call signs and dates) along with your log containing the same contact info used for the Basic Century Award. If you work the award using QRP or Mobile state so on your award application. Your award certificate will then be printed with "Your Call - QRP" or "Your Call - Mobile".

The Millionaire Award

So, you want to be a millionaire? You'll feel like a million bucks when you hang this piece of wallpaper in your shack! This award is simple and obtainable, as well as challenging. You earn it by working a total of a million in FISTS membership numbers. The basic award is for one million points with endorsement stickers for additional increments of one million.

For example, if you work member number 11500 and member number 10000 and then work #379, you'd have a total of 21,879 points.

We hope to encourage newer FISTS members to get on the air, since they have "bigger" FISTS membership numbers they will be sought after.

You may only claim member numbers for credit once per band, but use as many bands as you want. If you use the WARC's please be sure your contact is a legit QSO. We don't want FISTS to have the reputation of being the ones to spoil the WARC's with hit and run, contest like QSO's. Exchange FISTS numbers on the air and have a little chat - about the weather, your key, your rig, family...

Two-way CW contacts only. You do not need to get a QSL confirmation of the QSO - just keep a running total of the FISTS membership number points. Only contacts made on or after January 1, 2006 are valid.

To claim the award with a paper/written log, include a log sheet that has the contacted callsign, band & date worked and FISTS number - with the numbers totaled - and DUPE sheets for each of the bands used. Since you may work a FISTS number on different bands for credit, separate dupe sheets for each band are necessary to help the Awards Manager verify your log.

Send paper logs/dupe sheets submissions to: Awards Manager Dennis Franklin, K6DF, 4658 Capitan Drive , 4658 Capitan Drive , Fremont, CA 94536-5448

Logs submitted electronically do not need to include dupe sheets. Email logs to Dennis via the link on the bottom of the main FISTS page. Attach your log of all contacts for the award to the e-mail. The ONLY files that can be accepted are; Excel, Word, and Text files. Put FISTS in the title of your email

For ALL award submissions, Include your call sign, name and address, FISTS membership number, and the name of the award you are applying for. DO NOT send logs that are scanned images of your log pasted into Excel and Word documents. Scanned images of log pages will not be accepted.

This award is available to FISTS and non-FISTS members. It is free of charge to members in good standing.

Please answer someone's CQ at the speed they are sending and USE SPACES between your letters and words. The most common, yet most easily remedied, problem is SPACING. You can be sending perfectly formed code, but if it's all run together, it still sounds like gibberish and gives you a bad fist.

FISTS USA Club Call Certificates

There are two FISTS USA Club Call certificates: Operator — & — Achievement

FISTS USA Club Call (KN0WCW) Operator Certificate

The Operator Certificate will be issued for making a minimum of 10 contacts per day, (FISTS or non-FISTS stations), of scheduled use of the FISTS USA Club Call during the time you are the Control Operator of the call.

Example: If you signed up to use the Club Call for 5 days total, you must make a minimum total of 50 QSO's with the Club Call in order to qualify for the "Operator Certificate". These 50 contacts may be spread out over the 5 days in any manner.

Send your paper Club Call log, within 15 days after your last day of operation, to:

Karl Zuege, KB1DSB - KN0WCW QSL MGR

2176 Drake Road, Bomoseen, VT 05732

(802) 468-5444 (leave message and will spend the time to call you back)

Email: kb1dsb@sover.net <mailto:kb1dsb@sover.net>

FISTS USA Club Call (KN0WCW) Achievement Certificate

There are two options to obtain the Achievement Certificate:

1. Contact the FISTS USA Club Call once each month of the calendar year. (Total of 12 QSO's)

Example: You work W2YMX using the Club Call in January, you may also work W2YMX using the Club Call again in February, plus other stations in the remaining 10 months. A contact needs to be made with the Club Call every month of the year under option #1.

Using Option #1, the same station using the Club Call may be worked more than once providing it is in different months.

OR ...

2. Contact 12 different authorized stations using the FISTS USA Club Call during a calendar year. (Total of 12 QSO's)

Example: If work W2YMX, N1PT and KB1DSB using the Club Call in January, you may not work those stations using the Club Call again in any other month during the year if you are going to claim the Achievement Certificate under option #2.

Using Option #2, you can only work a station authorized to use the Club Call once during the calendar year.

Send your station log claiming the Achievement Certificate to: **Dennis Franklin, K6DF**, 4658 Capitan Drive Fremont, CA 94536-5448 E-Mail logs will be accepted for the Achievement Certificate only at the following e-mail address:

fistsawards@comcast.net (put FISTS in the title of your email)

Only Excel, Microsoft Word and Text files are acceptable e-mail logs for the Achievement Award.

Award Questions

Questions about awards may be directed to;

Dennis Franklin, K6DF 4658 Capitan Drive Fremont, CA 94536-5448

or **Nancy WZ8C** PO Box 47 Hadley, MI 48440-0047 (nancy@tir.com)

Beginner's Guide to the FISTS QSL Bureau

Basically the QSL Bureau works like this:

You pack up all your QSL cards you have for contacts with other FISTS members and send them to us. We sort the cards and put them in the Self Addressed Stamped Envelopes (SASE's) which the members have sent to us. When we get 6 to 7 cards in an SASE with one ounce (37 cents) postage on it we mail them.

The mailing address for the Bureau is:

FISTS QSL Bureau
c/o Stan Reas - K4UK
1020 Long Island Drive
Moneta, VA 24121

So, to get the cards which are sent via the Bureau for you, you need SASE's on file with us. We suggest a minimum of three SASE's be sent. We require envelopes which are at least 4-1/8" high and much prefer the #10 Business Size envelope (4-1/8" x 9-1/2") which will work for nearly all QSL card sizes.

The smaller Personal Size envelope (3-5/8" x 6-1/2") will not handle the large QSL cards which some members send and will no longer be accepted.

Some of the members send 6" x 9" Kraft envelopes which can handle all cards sizes I've ever seen. If you can find the 5" x 7" Kraft envelopes they are a really nice size for SASE's

Your SASE should have at least one ounce postage (37 cents) in the upper right hand corner. Your address goes in the normal address portion of the envelope and put your call in LARGE letters in the upper left hand corner. We will put stamp the lower left hand corner of each of your SASE's:

ENVELOPE _____ OF _____
SASE LEFT _____

This will indicate which envelope is being used and how many are left on hand.

We will include a "Last Envelope in Bureau" note when we have used your last envelope to send cards to you. Also, if the numbers in the bottom left hand corner indicates: for example: "Envelope # 3 of 3" - it will have been your last envelope. When you send in additional cards you can then send in additional SASE's.

Based on the weight of my QSL card the following postal rates apply effective July 1, 2002 per the scales in the Moneta, Virginia Post Office:

Weight	Postage	Cards
1 ounce	39 cents	7
2 ounce	63 cents	15
3 ounce	87 cents	23
4 ounce	\$1.11	31

If we get a real bunch of cards for you, we may put them all in the one envelope and add postage as required from our "stamp kitty". If we do this, we appreciate your reimbursing the kitty with your next batch of cards. If you put more than 37 cents postage on your SASE's we will wait until we get the number of cards equivalent to the postage before mailing. If you prefer periodic mailing just let us know.

You can send QSL's for contacts with **all** foreign FISTS members to us and we will forward them to Chuck Spence, M0AVW in England or Nigel Hardy, ZL2TX in New Zealand who handle the distribution of QSL cards

for overseas DX. We distribute cards for Canadian FISTS and other DX FISTS in North and South America directly from the Bureau.

So, send us your QSL cards and some SASE's and you're set up to use the Bureau. However, it won't do any good to send cards for contacts with stations who are not FISTS members as they won't have SASE's on file with us. Also, it is a good idea to confirm with the FISTS member that you will QSL via the Bureau. In that way both will know that there are SASE's at the Bureau.

If you send in a "bunch" of cards it would be appreciated if you sort the U.S cards by call number. It speeds up the initial sort. *But, you don't have to further sort them alphabetically.*

Various members of the Franklin County Amateur Radio Club of Rocky Mount, VA assist me in the work of the QSL Bureau. They do the final sorting and mailing of envelopes.

All costs involved in operating the QSL Bureau come from the **donations** from our members. We mail the DX cards to Chuck in bulk and the cost has averaged 4.5 cents per card. Also we mail the DX cards to Nigel in bulk and the cost has averaged 8.5 cents per card.

So, if you send cards to DX members a donation would be appreciated! Your donation can be cash or checks. If checks, please make them out Stan Reas, to facilitate cashing them.

For Canadian and other non-U.S. members

Since all mail sent out from the Bureau must have U.S. postage stamps, you will have to put U.S. stamps on your SASE's. Since obtaining U.S. stamps may be hard, if not impossible, we suggest that you send SAE's (Self-Addressed-Envelopes) without stamps and some funds to cover the stamps we will obtain for you.

In order to minimize your costs, if you wish, we will accept mailing labels with your address on them in lieu of SAE's and will paste them on envelopes from our stock. Just include some funds with your labels to cover the stamps.

Such funds can be "Green Stamps" or checks or IRC's. If checks, please make them out to Stan Reas, to aid in ease of cashing the checks.

Based on the weight of my QSL card at the Moneta, Virginia Post Office the following rates would apply:

The costs of mailing to Canada is:

One ounce 63 cents, two ounce 90 cents, three ounce \$1.15, four ounce \$1.40.

The costs of mailing to Mexico is:

one ounce 63 cents, two ounce 90 cents, three ounce \$1.30, four ounce \$1.75.

The costs of mailing to Other North & South America Countries is:

one ounce 84 cents, two ounce \$1.65, three ounce \$2.40, four ounce \$3.20.

So, send us your QSL cards and some SAE's and some funds and you're set up to use the Bureau.

Print your callsign here	39 cent minimum stamp
Your Name	
Your Addresss	

The Reason for not accepting Personal Size (3-5/8" x 6-1/2") envelopes: We have been receiving some very interesting QSL cards that members themselves print on post card stock. However, the standard stock is 4-1/4" by 5-1/2". And those 4-1/4" high cards will not quite fit in the # 10 business size envelope. If the cards were cut down by the member to 4" high they will fit in a # 10 envelope. It is nuisance for us here at the Bureau to cut the cards and often the member will have written a note which fully utilizes the 4-1/4" height. So those cards we must fold in order to get them into a # 10 envelope. Some DX cards are also larger and will not fit in small envelopes.

If everyone would cut their "home built" cards to the standard QSL size, 3-1/2" x 5-1/2", that would help a lot because then the cards will even fit into those few personal size envelopes we still have on file.

We do appreciate members sending # 10 business size envelopes for their SASE's. The small personal size envelope which is 3-5/8" x 6-1/2" can not accommodate these larger cards. The Bureau staff are all volunteers and they have become frustrated with trying to patch up the small envelopes to mail the larger cards. They are reluctant to fold the large cards.

They have resorted to: Cutting the front off of the small envelopes and taping it to a # 10 envelope. Taping paper to the flap and taping down the increased flap. Peeling stamps from the small envelopes and using Rubber Cement to paste them to a # 10 envelope and then writing the address on the # 10 by hand

The bureau will no longer accept envelopes with height dimension less than 4-1/8" which is that of the # 10 business size envelope. That means we will not accept any personal size (3-5/8" x 6-1/2") envelopes.

We much prefer the Business Size envelope which is 4-1/8" x 9-1/2" but will accept other envelopes which are at least 4-1/8" x 6" - such as the 6" x 9" and the 5" x 7" Kraft envelopes, except Charlie, K4BSF who handles the "8" calls for the Bureau will only accept # 10 Business Size envelopes!

Now if there are any of you who live so far away from a store selling # 10 Business Size envelopes, we will accept mailing labels with your address on them and stamps and money in lieu of SASE's. We will put your labels and your stamps onto # 10 envelopes which we will furnish from our stock.

Interesting Bureau Statistics:

Number of Cards Handled

During January 2006	2,945
Year 2006 to Date	2,945
Since November 1997	344,224

Card Totals for January 2006

	Sent	Received From	Received For	On Hand
DX	42	69	54	22
VK/ZL	20	0	19	5
BV/JA	11	0	9	1

Rules for FISTS USA Club Call Use

You must have permission to operate with KN0WCW.

To get permission, contact Karl KB1DSB at kb1dsb@sover.net

Check the FISTS web page for available dates.

1. When using the FISTS USA Club Call (KN0WCW) you must attach YOUR call area to the call depending on where you are located during your operation. Example: KN0WCW/6 if you are located in CA, or KN0WCW/1 if you are located in VT.

2. A log must be kept of all QSO's with the following minimum log information; UTC Date and Time of QSO, Call of Station Worked, Frequency, His RST, Your RST, Name of Operator Worked, and QTH of Station Worked. A Club Call Log sheet is available on the FISTS web page.

Send your paper Club Call log, within 15 days after your last day of operation, to:

KN0WCW QSL Manager
c/o Karl Zuege, KB1DSB
2176 Drake Road
Bomoseen, VT, 05732

3. All assigned dates of operation are according to UTC (GMT) date and time.

4. All contacts made using the FISTS USA Club Call are not useable for awards for your own call sign.

5. KN0WCW attempts to QSL 100%. QSL cards will be provided to you for the times you use the callsign. If you can't fill out and/or send the cards yourself, please let QSL manager Karl know and he will do it for you.

6. All QSO's must be made on CW mode only. Any amateur band may be used.

7. When you are the control operator of the station using the FISTS USA Club Call, you must stay within the operating privileges of your own license class.

8. The FISTS number for the FISTS USA Club Call is 10,000 and is the number you should give out when using the Club Call Sign, NOT your own FISTS number. The FISTS USA Club Call CC number is 1380.

9. Envelopes are being kept on file with the FISTS Bureau and the ARRL 0 Bureau for incoming QSL cards. Incoming cards are being put into albums by Karl, and the albums will be available to take to major hamfests or FISTS activities.

If you want a card from a contact you made while using KN0WCW, that is fine, but please ask the person sending the card to send the card directly to you. Cards sent to the bureau will be sent to Karl for use in the club collection and are considered to be "property" of KN0WCW.

CALLING FREQUENCIES

FISTS members can be found on or near any frequency ending in .x58 (.058, .158, .258, etc) Here are recommended calling frequencies by band. REMEMBER, these are recommended CALLING frequencies and QSO's should be moved to another frequency.

2m 144.058 MHz
6m 50.058 MHz
10m* 28.058 MHz
12m 24.918 MHz
15m* 21.058 MHz
17m 18.085 MHz
20m* 14.058 MHz
30m 10.118 MHz
40m* 7.028 MHz — All IARU Regions
40m 7.058 MHz — IARU Region 2
80m* 3.558 MHz
160m* 1.808 MHz

* Note 1: The calling frequencies for 10m, 15m, 20m, 40m - All IARU regions, 80m, and 160m, are only 2 kHz. below QRP calling frequencies (7.030 MHz is the QRP calling frequency in Europe). Please only QSY *down* from these frequencies.

U.S. Novice sub-bands
10m 28.158 MHz
15m 21.158 MHz
40m 7.118 MHz
80m 3.708 MHz

Note 2: Please use the Novice sub-band calling frequencies as much as possible. It will benefit Novices, and also provide support for retaining the spectrum.

WEEKLY NETS

Sunday Century Award Net
1500 EST/2000 UTC
1500 EDT/1900 UTC
14.058

Saturday QSO Groups
2000 UTC
14.058

2300 UTC
7.058

Thursday Slow Traffic Net
2100 EST/0200 UTC
2100 EDT/0100 UTC
3.682

Sunday Slow Speed Chat
1700 UTC
21.158

Tuesday Slow Traffic Net
2100 EST/0200 UTC
2100 EDT/0100 UTC
3.682

NOTE: Daylight Savings Time (DT) runs from 0200 local time the first Sunday in April through 0200 local time the last Sunday in October

CW Net Listing Project

The ARRL used to list Slow-Speed Nets in their net directory book, but has discontinued compiling this information. To fill this void, FISTS is compiling a list of slow-speed and high-speed (25 WPM+) nets. Philip Kroth, KA2QIK, is heading up this formidable task and needs your help to make this list comprehensive and up-to-date. Please write to Philip with the following information:

- * Net Name
- * Coverage Area: i.e. location or area the net typically serves.
- * Primary Purpose: i.e. ARES, Traffic, Code Practice, Weather, etc.
- * Affiliated with the National Traffic System: Yes/No
- * Net Manager's Callsign:
- * Callsign and contact information of station submitting information:
- * Is this a Slow-Speed or a High-Speed Net?
- * Net Frequency:
- * Time the net meets (specify UTC (winter) AND Local time):
- * Days of the week the net meets: (See the following for the preferred format and don't forget to specify UTC or local date.)
Day Abbreviations: M = Monday T = Tuesday W = Wednesday Th = Thursday F = Friday
S = Saturday Sn = Sunday Dy = Daily When Needed = net meets when needed

Monthly Period Definitions

- 1 = 1st appearing day of that month
- 2 = 2nd appearing day of that month
- 3 = 3rd appearing day of that month
- 4 = 4th appearing day of that month
- 5 = 5th appearing day of that month
- alt = net meets every other week
- continuous = net is continually activated

Sample Entries:

- MWF = Net meets every Monday, Wednesday, Friday
- MTWThF = Net meets Monday, Tuesday, Wednesday, Thursday, Friday
- 1,3,5 W = Net meets every 1st, 3rd, and 5th Wednesday of the month

Send info to
Phil Kroth, KA2QIK/7
7956 East Feathersong Lane
Scottsdale, AZ 85255
or via email pjkroth@juno.com

High Speed CW Nets

Name:	NTS?	Purpose:	Coverage Area:	Freq:	Days:	Local:	UTC:	Manager:	Reporting:	Updated:
All FL CW Traffic Net (QFN) - Early	<input checked="" type="checkbox"/>	Traffic	FL	7.051	Dy	19:00		W8IM	W8IM	04/16/05
All FL CW Traffic Net (QFN) - Late	<input checked="" type="checkbox"/>	Traffic	FL	3.651	Dy	22:00		W8IM	W8IM	04/16/05
Georgia Section Net (GSN) - Early	<input checked="" type="checkbox"/>	Traffic	GA	3.953	Dy	19:00	0:00	AF4NS	K4BAI	04/16/05
Georgia Section Net (GSN) - Late	<input checked="" type="checkbox"/>	Traffic	GA	3.953	Dy	22:00	3:00	AF4NS	K4BAI	04/16/05
Hit 'N Bounce Net (HBN)	<input checked="" type="checkbox"/>	Traffic	Eastern/MidWest US	7.042	Dy	8:30		WD8DIN	W8IM	05/12/05
IN Section CW Net -- QIN	<input checked="" type="checkbox"/>	Traffic	IN	3.656	Dy	14:30	9:30	K9PUI	K9ZBM	04/16/05
IN Section CW Net -- QIN	<input checked="" type="checkbox"/>	Traffic	IN	3.656	Dy	19:00	0:00	KJ9J	K9ZBM	04/16/05
K9YA Fast Net	<input type="checkbox"/>	Practice/fun	Continental US	7.137	1 W	19:00	1:00	N9BOR	N9BOR	03/06/05
MD DE DC Net (MDD) - Early	<input checked="" type="checkbox"/>	Traffic	MD, DE, DC	3.643	Dy	19:00	0:00	WJ3K	WJ3K	11/13/03
MD DE DC Net (MDD) - Late	<input checked="" type="checkbox"/>	Traffic	MD, DE, DC	3.643	Dy	22:00	3:00	WJ3K	WJ3K	11/13/03
Morse Telegraph Club-SQ -- 20 m Net	<input type="checkbox"/>	On air activity	Southern CA	14.055	S	7:30	15:30	KA6G	KA6G	12/20/04
Morse Telegraph Club-SQ -- 40 m Net	<input type="checkbox"/>	On air activity	Southern CA	7.084	S	8:30	16:30	KA6G & WA	KA6G	12/20/04
New York State CW - Early	<input checked="" type="checkbox"/>	Traffic	NY	3.677	Dy	19:00	0:00	WB2QIX	KA2QIK	04/16/05
New York State CW - Late	<input checked="" type="checkbox"/>	Traffic	NY	3.677	Dy	22:00	3:00	W2YGW	KA2QIK	04/16/05
New York State CW - Morning	<input checked="" type="checkbox"/>	Traffic	NY	3.670	Dy	10:00	15:00	KA2GJV	N2QZ	09/17/05
Northern California Net	<input checked="" type="checkbox"/>	Traffic	Northern CA & NV	3.630	Dy	19:00		K9JM	K9JM	04/16/05
Orange County Wireless Net (OCWN)	<input type="checkbox"/>	Practice/Social	Orange County CA	7.086	Sn	9:00	17:00	KF6UEB	KF6UEB	03/07/05
QNM	<input checked="" type="checkbox"/>	Traffic & WX	MI	3.663	Dy	22:00	3:00	WB8SIW	WB8SIW	04/16/05
QNM	<input checked="" type="checkbox"/>	Traffic & WX	MI	3.663	Dy	19:30	0:30	WB8SIW	WB8SIW	04/16/05
Texas CW Net (Early)	<input checked="" type="checkbox"/>	Traffic	TX	3.643	Dy	19:00	1:00	AC5XK	NJ0E	04/16/05
Texas CW Net (Late)	<input checked="" type="checkbox"/>	Traffic	TX	3.643	Dy	22:00	3:00	AC5XK	NJ0E	04/16/05
Tin Can Sailors CW Net	<input type="checkbox"/>	Code practice	General coverage	7.117	W	10:00		N3RSD	N3RSD	07/15/05
Virginia Net Early (VNE)	<input checked="" type="checkbox"/>	Traffic	VA	3.680	Dy X T	19:00	0:00	KV4AN	KV4AN	11/03/03
W6MTC CW net -- FISTS 10350	<input type="checkbox"/>	Code Practice	Southern CA, AZ & NV	7.084	S	8:30	15:30	KA6G	KS6CW	04/09/04
Wisconsin Intrastate Net (WIN/E)	<input checked="" type="checkbox"/>	Traffic	W1 & Surrounding States	3.662	Dy	19:00	1:00		N9JY	04/16/05
Wisconsin Intrastate Net (WIN/L)	<input checked="" type="checkbox"/>	Traffic	W1 & Surrounding States	3.662	Dy	22:00	4:00		N9JY	04/16/05

Note: NTS is checked if the net is affiliated with the National Traffic System. "Coverage Area" is the geographical area the net primarily serves; however, other stations are always welcome to check in. All frequencies are in MHz. "Days" indicates what local days of the week or month the net meets (i.e. "1,3 W" -- the net meets on the first and third Wednesdays of each month. "MW F" -- the net meets every Monday, Wednesday, and Friday. "Dy" -- the net meets daily. "Dy X T" -- the net meets daily except on Tuesdays.) Times are listed for the winter months (i.e. not daylight savings time.) Send updates, additions and corrections to KA2QIK/7 at pikroth@juno.com or 7956 E. Feathersong Ln., Scottsdale, AZ 85255

This list was generated on: **Saturday, September 17, 2005**

Slow Speed CW Nets

Name:	NTS?	Purpose:	Coverage Area:	Freq:	Days:	Local:	UTC:	Manager:	Reporting:	Updated:
Alabama Training Net	<input checked="" type="checkbox"/>	Traffic & Training	SE United States	3.712	Dy	18:00	0:00	KG4IMI	KG4IMI	06/25/05
British Columbia Emergency Net	<input checked="" type="checkbox"/>	Emergency Traffic	BC, AB, SK, MB, WA, OR, ID, MT	3.652	Dy	19:00	3:00	VE7XLH	VE7DWG	12/16/03
Carolinas Slow Net (CSN)	<input checked="" type="checkbox"/>	Traffic/Code Practice	NC and SC	3.696	Dy	20:00	1:00	W4EAT	W4EAT	10/27/03
Empire Slow Speed (ESS)	<input type="checkbox"/>	Traffic & Training	NE US	3.590	Dy	18:00	23:00	W12G	KA2QIK	12/20/04
Florida Medium Speed Net (FMSN)	<input checked="" type="checkbox"/>	Traffic	FL	3.651	Dy	18:30		AG4RJ	W8IM	04/19/05
Georgia Training Net (GTN)	<input checked="" type="checkbox"/>	Traffic & Training	SE US	3.702	Dy	21:00	2:00	KG4FXG	KG4FXG	06/06/04
Hoodview CW Net	<input type="checkbox"/>	CW Practice	Portland, OR Metro Area	28.130	Dy	19:00	3:00	AB7BI	N7QR	11/05/03
Idaho Montana Net (IMN)	<input type="checkbox"/>	Traffic & Training	ID & MT	3.647	Dy		3:00	N7MPS	VE7DWG	04/16/05
K9YA Slow Net	<input type="checkbox"/>	Practice/fun	Continental US	7.137	2,3,4 W	19:00	1:00	N9BOR	N9BOR	03/06/05
Kansas Slow Speed Net	<input type="checkbox"/>		KS	3.710	MW	19:30		KC0CCR	KC0CCR	04/16/05
Maine Slow Speed Net	<input type="checkbox"/>		ME	3.683	Dy	18:00		W1QU	WA2AFD	02/09/04
Maryland Slow Net	<input checked="" type="checkbox"/>	Traffic & Training	NE USA & SE Canada	3.717	Dy	19:30	0:30	W8CPG	N3ZOC	01/19/04
NARL Slow Speed	<input checked="" type="checkbox"/>	Traffic & Training		28.180			15:30	AA1GW	WA2AFD	12/20/04
NJ Slow Speed	<input checked="" type="checkbox"/>	Traffic & Training	NJ	3.715	Dy	18:30	23:30	K2PB	WA2AFD	02/12/04
Northern CA Slow Speed Net	<input checked="" type="checkbox"/>	Traffic	EB, NV, SCV, SF, SV	3.705	Dy	21:00	5:00	WB6UZX	VE7DWG	11/11/03
Ohio Slow Net	<input checked="" type="checkbox"/>	Traffic & Training	OH	3.708	Dy	18:10	23:10	WD8Q	WD8Q	04/16/05
Orange County Wireless Net	<input type="checkbox"/>	Practice & Chat	Orange County CA & Nearby Cities	7.114	Sn	9:00	17:00	KF6UEB	KF6UEB	12/31/03
Oregon Section Net	<input checked="" type="checkbox"/>	Traffic & Training	OR	3.587	Dy	10:00	6:00	KC7SRL	VE7DWG	04/16/05
Oregon Section Net	<input checked="" type="checkbox"/>	Traffic & Training	OR	3.587	Dy	6:30	2:30	W7IZ	VE7DWG	04/16/05
PA Traffic & Training Net	<input type="checkbox"/>	Traffic & Training	PA	3.617	Dy	18:30		N3SW	WA2AFD	02/09/04
Sandia Valley ARC Slow Speed Net	<input type="checkbox"/>	Code Practice / Ragche	Southwest US	7.063	W	21:00	4:00	WB7RHT	WB7RHT	12/16/03
Texas Slow Net (TSN)	<input checked="" type="checkbox"/>	Traffic & Training	TX & other	3.719	Dy	20:00	2:00	KD5GM	NJ0E	04/16/05
West Coast Slow Speed (WCN)	<input type="checkbox"/>	Traffic, Training	West Coast	3.702	Dy	19:00		W7WCN	VE7DWG	10/28/03
Wisconsin Novice Net (WNN)	<input checked="" type="checkbox"/>	Traffic	WI & Surrounding States	3.723	Dy	18:00	0:00	KB9ROB	N9JY	04/16/05
Wisconsin Slow Speed Net (WSSN)	<input checked="" type="checkbox"/>	Traffic	WI & Surrounding States	3.645	Dy	18:30	0:30	WA9ZTY	N9JY	04/16/05

Note: NTS is checked if the net is affiliated with the National Traffic System. "Coverage Area" is the geographical area the net primarily serves however, other stations are always welcome to check in. All frequencies are in Mhz. "Days" indicates what local days of the week or month the net meets (i.e. "1,3 W" -- the net meets on the first and third Wednesdays of each month. "MW" -- the net meets every Monday, Wednesday, and Friday. "Dy" -- the net meets daily. "Dy X T" -- the net meets daily except on Tuesdays.) Times are listed for the winter months (i.e. not daylight savings time.) Send updates, additions and corrections to KA2QIK/J at pjkroth@juno.com or 7956 E. Feathersong Ln., Scottsdale, AZ 85255

Get Your Feet Wet Weekend

Despite all the controversy about licensing and requirements, there are a lot of new hams who are intrigued with the code after passing their 5WPM.

But, like we all were (or are!), they are intimidated and nervous about getting on the air. They've had bad experiences on Field Day or other contests and QSO's where people won't QRS (slow down), and they are getting frustrated. We don't want that to happen! We want to encourage and nurture these new CW operators. The Novice RoundUp used to be a good forum for this, but the Novice concept is obsolete. Something needs to be implemented that would include all classes of newcomers and give them a friendly place to learn the ropes.

The focus is on sending slowly and clearly and sending the exchange in order. No memory or programable keyers or code readers are allowed - human-powered transmissions only. Certificates will be sent out to the top three scorers in each category free of charge. For a certificate of participation, please send \$1.

The rules: Operate under one of two categories for the entire event, Newcomer or Experienced. You can be licensed a long time but still be a Newcomer to CW or contesting. You're on the honor system: Choose whichever describes your ability.

Suggested calling frequencies: 3.610, 7.110, 14.110, 21.110, and 28.110. If you don't hear anyone, go ahead and call. Get your feet wet and jump in with a CQ FC on a clear frequency. YOU are there listening; chances are someone else is listening and waiting to hear a CQ, too

Call CQ WF (Wet Feet).

The Exchange: Callsign/N (newcomer) or Callsign/E (experienced), RST, Name, QTH, FISTS number or power, last two digits of the year licensed.

Example: WZ8C/E, 599, Nancy, MI, 0379, 88.

Count 2 points for working someone out of your category, 1 point for working someone in your category.

Multipliers are number of stations worked that were licensed 2001-2006.

Stations may be worked once per band for points, but their multiplier only counts once.

No WARC bands.

Contacts must be 2-way human-keyed CW (Iambics are fine - just no computerized or memory keyers).

Logs will be sent to Lee Hallin N7NU 3413 Walton Ln, Eugene OR 97408
or in ADIF format to hallinl@lanecc.edu

2006 Contest date to be announced, it will probably be in September to coincide with FISTS anniversary

Call sign _____ Name _____ QTH _____ Fists # _____ Page _____ Of _____.

[illegible]

FISTS GET YOUR FEET WET WEEKEND

The Exchange: Callsign/N (newcomer) or Callsign/E (experienced), RST, Name, QTH, FISTS number or power, Last two digits of the year licensed.

NAME: _____ CALLSIGN: _____ FISTS # _____.

MAILING ADDRESS: _____.

CITY: _____.

STATE/PROVINCE/COUNTRY: _____ ZIP: _____.

E-mail Address (optional) _____.

Call Area (W0 - W9) or Country you operated from: _____.

Entry Category: ☐ Newcomer ☐ Experienced

Contacts with stations out of your category _____ X2 = _____.

Contacts with stations in your category _____ X1 = _____.

Total Contacts _____ Total Contact Points = _____.

Multiplier (Number of stations worked that were licensed 2000 – 2005) = _____.

Final Score (Total Contact Points X Multiplier) = _____.

Send in your log by 30 days after the event to Lee Hallin N7NU, 3413 Walton Ln, Eugene OR 97408 or in ADIF format to hallin1@lanecc.edu

Statement: I have observed all FISTS competition rules as well as all regulations for Amateur Radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the FISTS awards Committee.

Date: _____ Signature: _____ Call _____.

Comments:

FISTS SPRINTS

OBJECTIVE: To exchange specified information with as many U.S. or Canadian FISTS members as possible, using Morse Code only, and within the time frame stipulated.

PARTICIPANTS: Any properly licensed amateur radio operator, FISTS member or non-member is invited to take part in the contest. At least one of the two stations in each QSO must be a U.S. or Canadian station.

DATE AND TIME:

The Winter SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in February.
The Spring SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in May.
The Summer SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in July.
The Fall SPRINT will run from 1700 UTC to 2100 UTC on Second Saturday in October.
Please note times are in UTC; daylight savings time is NOT a factor.

BANDS: Operation is limited to the following amateur bands: 3.5, 7, 14, 21, and 28 MHz amateur bands. Work stations only once per band.

ENTRY CLASSES: There are three entry classes:

QRO is over 5 watts output power.

QRP which is limited to 5 watts output power or less.

Club (regardless of power). Entry class **MUST** be shown on logs to be considered for entry in a particular class, or will be assumed QRO.

An entry must be ONE class only, no combination of classes is allowed

EXCHANGE: The following information must be exchanged by both stations to count as a valid contest QSO:

For FISTS members: RST, U.S. state/Canadian province/DXCC country, first name, FISTS number.

For non-FISTS members: RST, U.S. state/Canadian province/DXCC country, first name, Power output.

DX COUNTRY STATUS: U.S. states and Canadian provinces are those states and provinces that are contiguous and found within the North American continent. DX are those entities listed in the current ARRL DXCC publication, other than the above.

SCORING:

Each QSO with a FISTS member: 5 points.

Each QSO with a non-FISTS member: 2 points.

MULTIPLIERS: Each U.S. state or Canadian province counts as one multiplier.

Count each only once, no matter how many times worked.

DX countries count as a multiplier each time worked.

If a DX country is worked several times on different bands, each QSO counts as a multiplier.

LOG SUBMISSIONS: Sending the logs is what counts, and they will be spot checked for accuracy and correct scoring procedures. All log entries must be received 30 days after the Sprint to be considered valid. Logs not sent to the proper address will not be considered for entry.

All logs MUST contain the following information to be considered for entry;
Your name and call sign. Club name if entry is for a club. Your FISTS number if a member. Entry class. Your claimed score. List of claimed multipliers. An entry form is available on the web page..

ELECTRONIC LOGS; We will accept E-logs in standard Cabrillo format or ascii text files. If you're not sure about your format, please contact Dan before the entry deadline. E-logs are sent to W8PIG@yahoo.com ONLY.

PAPER LOGS: Send log and forms to: Dan Shepherd, N8IE 1900 Pittsfield St. Kettering, Oh 45420

FISTS SPRINT ENTRY FORM

Entry Class QRO _____ QRP _____ CLUB _____

SCORING: _____ QSO points X _____ multipliers = _____ final score

CLUB NAME _____

CLUB FISTS Number _____

YOUR NAME _____ CALL _____

YOUR FISTS Number _____

ADDRESS _____

Email Address(optional) _____

+----->>>>MULTIPLIER CHECK-OFF LIST<<<<-----+											
1	2	3	4	5	6	7	8	9	0	VE	DX
CT	NY	DE	AL	AR	CA	AZ	MI	IL	CO	NB	NF/LB
MA	NJ	MD	FL	LA		ID	OH	IN	IA	NS	NT
ME		PA	GA	MS		MT	WV	WI	KS	PE	YK
NH			KY	NM		NV			MN	QC	BC
RI			NC	OK		OR			MO	ON	
VT			SC	TX		UT			NE	MB	
			TN			WA			ND	SK	
			VA			WY			SD	AB	

Please enclose paper logs ONLY, photos, comments, ideas, etc., with your entry and mail promptly to: Dan Shepherd, N8IE
1900 Pittsfield St.
Kettering, Oh 45420.

Statement: "I have observed all FISTS Sprint competition rules as well as all regulations for Amateur Radio in my country. My report is correct and true to

Date _____ Signature _____ Call _____

COMMENTS:

You are cordially invited.....to join FISTS CW CLUB, the non-profit group devoted exclusively to CW operators and Morse code operating.

We have three straightforward goals:

To further the use of Morse code

To engender friendships among members

To encourage newcomers to use Morse code

We are bringing Hams together using a common bond — A love of Morse code.

FISTS members actively participate in a wide variety of FISTS activities including rag chewing, contesting, earning awards, QRP, and most importantly, our Code Buddy “Elmering” program.

All activities emphasize courteous operating practices.

Our members are young and old, both OM's and YL's. They live worldwide, hold every license class and enjoy CW at widely varying proficiency levels.

FISTS is not tied to any commercial interests and has no paid employees.

Our chatty newsletter, The Key Note, our QSL Bureau, all awards and activities are funded by entirely by a modest annual dues of \$15.

Requirements for membership are simple: You simply have to like Morse code!

Visit our web site at <http://www.fists.org>

FISTS CW Club * Application for Membership * Please print clearly

Name _____ Callsign _____

Mailing address _____

Phone number _____ or Email _____

Do you need our taped Keynote for blind members? _____

How did you hear about FISTS? _____

Signature _____

Please enclose \$15 annual dues (checks payable to FISTS) and mail with this form to

**Nancy Kott WZ8C, PO Box 47, Hadley MI 48440-0047
FISTS CW Club**

The International Morse Preservation Society and FISTS C.W. CLUB

Dear _____,

You have been sponsored for membership of the above club and it is my great pleasure to enclose herewith the membership application form.

There has long been a demand for an organizations such as this not only to fill the void left by the declining numbers of ex-professional operators but to nurture the interests of those who are drawn to the mode but lack the operating skills. It's just these Amateurs who would otherwise be tempted to exchange the key for a microphone if the satisfactions and pleasure of Morse were to be denied them by a lack of opportunity. Such opportunity is rare when one is a beginner and the bands appear to be populated by c.w signals which are well beyond their limited skills.

FISTS is peopled by those whose love of Morse has urged them on to encourage the beginner, to dispel those initial moments of fear and help them reach out for a joy known only to a small minority of Radio Amateurs.

A love of MORSE and a concern for its perpetuation are the only requisites for membership. There is no specific speed requirement and neither is membership of the RSGB or other National body demanded. The aims of the club are:

- a) To further the use of Morse Code on the bands
- b) To encourage the newcomer to the mode
- c) To engender friendships within the membership

You will appreciate that in order to effect these goals, the club must render itself open to the novice operator and have a healthy sprinkling of Veterans to encourage them.

Your subs are due on the anniversary of the month in which you joined. There will be approximately 12 newsletters per year which will depend largely on your own contributions and you are encouraged to offer comments and observations.

We have our own QSL bureau which distributes members cards free as far as is possible and members may also chose to adopt the club QSL card.

In addition, we have a talking newsletter for those who are visually handicapped.

One of the greatest spin-offs of a club of this nature is the firm and lasting friendships which are a direct result of membership and consequent on-air contacts. You are encouraged not only to meet other members on the air but, if the opportunity is there, on a Social basis also. Should you wish to invite your current friends to join the club, you are at liberty to nominate them bearing in mind the criteria mentioned above.

We look forward to receiving your reply.

Geo, G3ZQS and _____ FISTS member

FISTS CW Club Membership Application

If this is a renewal, or if you have had a FISTS
number before, please check here.....



Call sign: _____ Name on the air: _____

Full name: _____

Mailing address: _____

Email address: _____

(Please print clearly. We do not give out or sell your email address to anyone)

Birthday: _____ Phone: _____

The newsletter is offered on audio cassette to blind members at no charge. If you require this service please check here: ☐

Favorite bands: _____

Other club affiliations (ARRL, QCWA, etc) _____

Other interests: _____

Date: _____ How did you hear about FISTS? _____

Signature: _____

Please make checks (\$15 per year, includes newsletter) payable to FISTS CW Club and mail to:

Nancy Kott WZ8C
PO Box 47
Hadley MI 48440

FISTS CODE BUDDY APPLICATION

Call Sign

FISTS Number (not required) _____

Name

Home Address

Apt. No.

City

State or Prov.

Zip

Country

Postal Code

Phone Numbers

Daytime

Evening

E-mail address

License Class

Code Speed - Comfortable at: (circle all that apply)

0 WPM 1-5 WPM

6-10 WPM

11-13 WPM

14-15 WPM

16-20 WPM

21-22 WPM

23-25 WPM

26-30 WPM

31-35 WPM

36-40 WPM

40+ WPM

I am looking (check all that apply)

for a Buddy to help me improve (I NEED HELP!)

to help a Buddy that wants to improve (I_d like to be an Elmer!)

for a Buddy around the same level for on the air practice.

Bands Available (circle all that apply)

70cm 2M 6M 10M 12M 15M 17M 20M 30M 40M 80M 160M

Other (Please specify)

Best Propagation (States/Call Areas, etc.)

Availability (Days & Times)

Interests (Helps find a buddy with common interests)

Mail to: W3GR - HEMARC PO Box 746 MS 4015 Baltimore, MD 21203

FISTS Code Buddy Program What is it and why would I want to join?

Hello FISTS and Non-FISTS!

Let me take a couple of lines to give you my commercial, Hi, in case you are not familiar with the FISTS Code Buddy Program. The program was designed and created in England as an original part of FISTS in 1987. It started matching people on an infrequent basis, and has developed into a very popular and highly organized program thanks to Nancy Kott, WZ8C and later by Ed Breneiser, WA3WSJ and John Cmiel, W9EM, webmaster of the Code Buddy site.

You don't have to be a member of FISTS to participate in our Code Buddy Program, but there are a many reasons to join the club. We have thousands of members worldwide and I'm proud to say, we are the fastest growing CW organization in the world. If you are not a member, check out some of the benefits on our web site at www.fists.org . You will find applications for membership to both the FISTS CW Club and our Code Buddy Program on the web site. If you decide to join the club, and I hope you do, you will find it is loaded with friendly, helpful and interesting people.

Now, back to the Code Buddy program. In general terms, the FISTS Code Buddy Program matches an experienced CW operator with someone that wants to improve. They find convenient schedules and work one on one, on the air, to develop good operating skills and improve speed. It has been a very successful program. We have several hundred participants.

The first step in joining is to fill out a Code Buddy Application so we can collect your profile information and put you in our database for an assignment. We'd love to have you join the team either as a student and/or teacher -also known as an Elmer.

Sometimes it takes a little while, but rest assured we are reviewing all of the student and teacher applications every week and will get an assignment for you as soon as possible.

If you can, let us know your best areas of propagation. It gives us some idea of the best place to start when making an assignment. Also, as much personal information that you care to share, hobbies, interests, background, etc., helps us find someone that may be more compatible.

We can also match you up with someone who is around your own speed, who just would like a friendly fist on the other end of the QSO. If you are a nervous beginner with Morse code, Code Buddies are a perfect way to get over those initial jitters. It also will help you to get code practice - looking forward to a sked on the air gives you a lot of incentive.

We look forward to hearing from you and appreciate your interest. Please let us know if you have additional questions. Many of our code buddies become very good friends. I hope this happens for you.

73, John W9EM Webmaster and W3GR - HEMARC Membership
Code Buddy Coordinators

A BASIC CW OPERATING MANUAL

Compiled by Dan Stegner KB0OBU from FISTS CW Club member tips

You are ready to make that first contact. Your palms may be sweating and your heart rate may be racing. That's ok. We've all been there. The first time I called CQ I was very nervous. I didn't think it was possible for fingers to have a stuttering problem but there I was, stuttering with my fingers. Gradually I relaxed and calmed down. The CQ's flowed from my fingertips with fluidity before sailing skyward. "Hey, this is really fun," I thought to myself. Suddenly, the inevitable happened; somebody actually answered! The anxiety returned. "Now, what do I do?" Here is some help with establishing that first contact.

Answering CQ

Let's suppose you're tuning across the bands and you hear a station calling CQ. The station seems to be sending at a speed you can copy: CQ CQ CQ DE WA3XYZ K

To answer WA3XYZ you just send the following: WA3XYZ DE (your callsign – lets use mine, KC0OBU, for our examples) AR

That's all there is to it. AR is the letters A and R sent with no spaces in between, a procedural signal that means "end of message" or "over." If the band is noisy or you are running low power, you may want to repeat your call sign twice like so: WA3XYZ DE KC0OBU KC0OBU AR

This is a '1x2'. The other station's call sent once, and yours sent twice. This allows the other station double-check to make sure they got your call right.

If WA3XYZ was able to copy you, that station will then come back with something like:

KC0OBU DE WA3XYZ TNX FER CALL UR RST 559 IN...

If WA3XYZ only copied part of your call sign, you may hear one of the following. The station may or may not add DE WA3XYZ depending on the situation:

QRZ?	(Who's calling me?)
? ?	(Who's there?)
KC?	(KC something....didn't get the rest of your call sign.)
OBU?	(Got the suffix, but I missed the prefix)

In this case, just send your call sign again.

Calling CQ

If the band seems to be in good shape, but nobody is calling CQ, you can do the following:

1. Find a frequency that seems to be clear, and listen for a few seconds. Listening is very important.
2. If you don't hear anything, send **QRL?** and listen for a bit more. Make sure you listen slightly up and down from your transmitting frequency as well. **QRL** is a Q signal that means this frequency is in use. When you send **QRL?** you are asking if the frequency is in use. If somebody comes back with C,

YES, or **QRL**, then move to another frequency so you don't interfere. No further response is needed.

3. If you did not hear a response, send **QRL?** again and listen again. Some stations may take a bit to respond.
4. Still nothing? You can assume the frequency is clear. Immediately send your CQ while the frequency is still open.

The 3x2 CQ call seems to work well for most situations. Call CQ three times, and then send your call twice:
CQ CQ CQ DE KC0OBU KC0OBU K

The final K at the end means you're inviting any station to answer you.

After calling CQ, listen, listen, listen. Listen slightly up and down in case the station trying to answer you is slightly off frequency. You can miss a return call if you are not listening carefully. If you hear nothing, send another 3x2 CQ call again, and listen. Repeat until either somebody answers or you want to try in another spot. Pretty easy, huh?

The 10x2x3 CQ call (CQ sent 10 times followed by your call sign twice, sent three times in a row) is seldom productive. Normally when stations hear this, they will keep moving up or down the band, and you will be scratching your head wondering why nobody is answering your CQ: CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ DE KC0OBU KC0OBU CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ DE KC0OBU KC0OBU CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ DE KC0OBU KC0OBU K

The QSO

Basically there are three parts to a QSO: The introduction, the middle, and the conclusion. Almost sounds like a term paper. Let's take a look at each of these parts.

The Introduction

Once a CQ is answered, the stations first exchange three important pieces of information: RST (a signal report), QTH (location), and Name. So let's suppose I am calling CQ and WA3XYZ answers me. I would then send something like this:

WA3XYZ DE KC0OBU GM (GA, GE, GN) TNX CALL UR 559 (579,549, etc) 559 IN TRENARY, MI
TRENARY, MI NAME DAN DAN HW? AR WA3XYZ DE KC0OBU KN

First I send the other station's call, then DE (which means from) and then my call sign. Then I say good morning (GM), afternoon (GA), evening (GE), or night (GN), whichever is appropriate. Next I say thanks for the call (TNX CALL) and give the RST signal report (UR 559). I then send my QTH or location followed by my name. You can send 'QTH' instead of 'IN'. But don't send 'MY QTH IS' because that would be redundant....sort of like saying 'MY MY LOCATION IS IS'.

'HW?' is short for 'How are you copying me?'. Then I send AR (Over or End of Transmission), WA3XYZ DE KC0OBU (so other stations listening will know who we are) and KN which says go ahead to a specific station, which in this example is WA3XYZ.

The other station will then reply back with its information by sending something like the following: KC0OBU DE WA3XYZ R GM DAN NICE TO MEET U UR RST 579 579 QTH PITTSBURGH, PA PITTSBURGH, PA NAME PHIL PHIL HW? AR KC0OBU DE WA3XYZ KN

The R sent after the initial call signs means that the other station copied EVERYTHING that you sent. Don't

send R and then ask the other station to repeat part of the information that was sent. It's bad form.

If you need the other station to repeat something send 'PSE RPT NAME', or 'RST', or 'QTH', etc. You can also send something like 'NAME?' or 'RST?' in your next transmission, and the other station should understand.

The Middle

Now, you chat back and forth about whatever you want: the weather, sports, your rigs, antennas, etc., using a format like the following: WA3XYZ DE KC0OBU R blah, blah, blah, AR WA3XYZ DE KC0OBU KN

Then the other station has a turn: KC0OBU DE WA3XYZ R blah, blah, blah, AR KC0OBU DE WA3XYZ KN

Technically, you don't have to send both call signs with each transmission. Some stations just send BK (back to you) and the end of a transmission and then legally identify the station every 10 minutes. Other stations will send both calls with each transmission so those listening will know who they are.

The Conclusion

To end the QSO just send something like: WA3XYZ DE KC0OBU R blah, blah, blah, OK PHIL TNX NICE QSO HPE CUL 73 GM SK WA3XYZ DE KC0OBU K

I thank Phil for a nice QSO, say hope to see you later (HPE CUL), send best wishes (73), and good morning (GM). The SK procedure signal means that's all I have. Similar to AR except it is only used in the final transmission from your station. Phil will then send his final transmission: KC0OBU DE WA3XYZ R FB DAN TNX QSO 73 SK KC0OBU DE WA3XYZ CL

The CL means that Phil is going to be closing his station and won't be answering any more calls. Phil could also end his call with a "dit dit". I would respond with a single dit.

Ending a QSO with the dit dit – dit, or the "shave and a haircut...two bits" is a friendly way of acknowledging that the QSO has ended and you enjoyed the chat. It started back before anyone can remember with one Ham sending 'shave and a haircut' – dahdididahdit - and the other station completing it with 'two bits' – dit dit. It has shortened over the decades to stations sending 'dit dit' and 'dit'.

Please don't fall into the habit of pluralizing. There is no need to send "73s". 73 by itself means "best wishes"; it is not proper to send 73s or 'best wishes'

Another tip to remember is that most Procedural Signs (like QTH) already mean phrases, and are intended to reduce the amount of sending you need to do to make your point. You don't need to use extra words when using prosigns like QTH. QTH PA is sufficient, not MY QTH IS....

A Cheat Sheet

You might find it helpful to use a cheat sheet that you can refer to when your mind suddenly goes blank. So here it is. Just fill in the blanks and replace WA3XYZ with the other station's call sign.

Is this frequency in use?

QRL? (then LISTEN)

Calling CQ

CQ CQ CQ DE _____ K

Answering another station's CQ

WA3XYZ DE _____ AR

When another station answer's your CQ

WA3XYZ DE _____ GM (GA, GE, GN) TNX CALL UR 559 (or 579, 549, etc) 559 IN
_____, _____, _____ NAME _____ HW? AR WA3XYZ DE _____
KN

To end the QSO

WA3XYZ DE _____ R blah, blah, blah, OK TNX NICE QSO HPE CUL VY 73 GM SK WA3XYZ DE
_____ K

If the other station initiates ending the QSO

WA3XYZ DE _____ R OK TNX NICE QSO HPE CUL VY 73 SK WA3XYZ DE _____

A Final Word about Speed

Accuracy transcends speed. Most operators would rather copy slower accurate code with proper spacing than code sent fast with uneven spacing and lots of mistakes. Speed will come with practice.

Rule of thumb for spacing: The space between letters should be about as long as a dash – which is equal to 3 dits. The space between words should be about as long as two dashes (technically, 7 dits, but it's easier to estimate 'two dashes' since you DON'T want to start counting). Keep in mind that the person on the other end has to decipher your sending, so make it as clear for them as you can. Spacing is just as important as the letters themselves. Without spacing, it's all gibberish! Space between your letters, and pause ever so slightly between words.

It is asking for trouble to call CQ with a speed faster than you can comfortably copy, because that will probably be the speed somebody will use when answering you. Don't get frustrated if the other station doesn't slow down for you, even after you have sent PSE QRS (please send slower). The other station may be pressed for time, in the heat battle during a contest, or has been operating at a fast speed for so long that they have difficulty copying or sending slower. You also need to be courteous. Do not assume that everyone who does not slow down is being a jerk. If you cannot copy the other station, just say SRI TOO FAST, send them a 73 and move on. You are sure to find somebody that you can work.

[illegible]

Mail Certificate To: _____

FISTS CW Club Checksheet for WAS Award.

STATE	CALL	NAME	BAND	FISTS#	DATE
ALABAMA					
ALASKA					
ARIZONA					
ARKANSAS					
CALIFORNIA					
COLORADO					
CONNECTICUT					
DELAWARE					
FLORIDA					
GEORGIA					
HAWAII					
IDAHO					
ILLINOIS					
INDIANA					
IOWA					
KANSAS					
KENTUCKY					
LOUISIANA					
MAINE					
MARYLAND (D.C.)					
MASSACHUSETTS					
MICHIGAN					
MINNESOTA					
MISSISSIPPI					
MISSOURI					
MONTANA					
NEBRASKA					
NEVADA					
NEW HAMPSHIRE					
NEW JERSEY					

STATE	CALL	NAME	BAND	FISTS#	DATE
NEW MEXICO					
NEW YORK					
NORTH CAROLINA					
NORTH DAKOTA					
OHIO					
OKLAHOMA					
OREGON					
PENNSYLVANIA					
RHODE ISLAND					
SOUTH CAROLINA					
SOUTH DAKOTA					
TENNESSEE					
TEXAS					
UTAH					
VERMONT					
VIRGINIA					
WASHINGTON					
WEST VIRGINIA					
WISCONSIN					
WYOMING					

Date Submitted _____ Your Fists # _____
Name/Call _____
Your E-Mail Address _____
Comments _____

Mail Certificate To: _____

Was ALL Contacts? QRO _____ or QRP _____
QRP = 5W or less, QRO = over 5W

I hereby apply for the FISTS WAS Address Award. By signing below, I certify that these are legitimate 2-way CW QSO's with FISTS members made in accordance to the rules and regulations of the FISTS WAS award.

Signature _____

1	2	3	4	5	6	7	8	9	0
A									
B									
C									
D									
E									
F									
G									
H									
I									
J									
K									
L									
M									
N									
O									
P									
Q									
R									
S									
T									
U									
V									
W									
X									
Y									
Z									

[illegible]

Date Submitted _____ **Your Fists #** _____
Name/Call _____
Your E-Mail Address _____
Comments _____

Created by Tom, WB5KHC

**Mail completed Log sheets to:
FISTS USA Club Call Logs
c/o Karl Zuege, KB1DSB
2176 Drake Road
Bomoseen, VT 05732**

FISTS MEMBERSHIP SUPPLIES

T-shirts: \$6, including postage.

Black: (small ___) (medium___) (large___) (XL___) (2XL___) (3XL___)

Blue: (small ___) (medium___) (large___) (XL___) (2XL___) (3XL___)

Sweatshirts: (\$11, including postage)

Gray: (small ___) (medium___) (large___) (XL___) (2XL___) (3XL___)

Polo Shirts, no pocket, FISTS key logo tastefully embroidered:
(\$15 incl. postage)

Light Blue: (small ___) (medium___) (large___) (XL___) (2XL___) (3XL___)

Stickers:

Gold octagon logo: \$3.50 for 200

I 'heart' CW: \$3.50 for 200

Pins:

Blue pentagon logo, tie-tack pin back: \$1.50

White, I 'heart' CW, tie-tack pin back: \$1.50

Patch, FISTS telegraph key logo, may be ironed or sewn on:
\$1.00

T-shirts	_____	x \$6	=	_____
Sweats	_____	x \$11	=	_____
Polos	_____	x \$15	=	_____
Stickers	_____	x \$3.50	=	_____
Pins	_____	x \$1.50	=	_____
Patches	_____	x \$1.00	=	_____

Send to:

Total = _____

Checks payable to FISTS. Paypal to fists@tir.com. If ordering by Paypal, put items desired in the Paypal comment box.

To order by mail, send to Irene Kott, 44609 Bunker Hill Dr, Clinton Twp, MI 48038

FISTS CW CLUB **Worldwide FISTS Lists**

Corrections?

n7cfa@msn.com

Revised

07 February, 2006

North America,
Caribbean areas, Central
and South America,
Mexico, Hawaii

UK, Europe, Asia, East
Asia, Guam, ZL, VK list
follows the NA, etc,
listing.

**NOTE: Members in
some countries could have
multiple callsigns, all with
the same FISTS number.
Awards rules state that
you can use a number
only ONCE for an award,
no matter how many calls
you work with that
number.**

SWL's and other
miscellaneous listings are
at the end.
Lists are alphabetical by
suffix.

AG8 A	RANDALL	11165
KB7 A	DAVID	8617
KD8 A	BOB	5992
KE0 A	ROD	4969
KG7 A	RONNY	5292
KQ0 A	MARK	4768
KR3 A	DON	7091
KT3 A	CAMERON	4255
KU6 A	CRIS	11467
NA9 A	JOE	1566
NC0 A	CHUCK	3365
NE9 A	SPENCE	10748
NF9 A	BILL	10629
NG3 A	DON	4610
NM2 A	MARK	6784
NN6 A	TIM	5148
NR5 A	JERRY	10249
NY9 A	ALAN	11902
WF6 A	BILL	2421
WI4 A	JIM	8094
AE7 AA	HAL	11570
K0 AAA	Zed's DXers	9900
K3 AAA	J.C.	4664
N4 AAD	LEE	8744
KF4 AAF	CHRIS	5480
RB3 AAG	FRANK	10915

VE4 AAG	TONY	9598	W8 AJC	JERRY	8066	WH6 ASW	RAY	11396
KA3 AAS	TOM	11317	W7 AJK	DURAN	8785	K2 ATB	AKIN	4975
W9 AAW	BRUCE	4746	WA3 AJQ	DARRELL	10379	W9 ATB	ALAN	4716
WA2 AAW	FRANK	10460	WB8 AJR	BILL	10085	VE3 ATC	LEO	10735
KG4 ABA	LYNN	11618	W8 AJS	ART	8244	KD5 ATE	DAN	7026
N2 ABC	FRANK	11262	K2 AK	SAM	9102	W8 ATH	BOB	5023
KB3 ABE	MARK	6806	K6 AK	JIM	10029	K1 ATL	ROBERT	11724
WA8 ABE	WILLIAM	8814	KA3 AKC	LEW	7235	N4 ATN	ROBERT	12034
WA4 ABM	RICH	12052	KA6 AKH	DON	10110	K7 ATU	HOWIE	11431
N8 ABR	FRED	1470	KC4 AKQ	OSCAR	2015	K2 AU	MARK	8841
VE3 ABT	DESMOND	6994	W9 AKS	BOB	11335	K3 AU	South Shore ARC	11175
K2 ABX	PAUL	5256	K2 AKW	JERE	7912	WB9 AUJ	JOHN	3300
AH8 AC	JOHN	1259	K5 AKW	DALE	8411	KB4 AUK	GARY	2779
KD8 AC	HAL	10230	W0 AL	AL	5891	PY4 AUN	DELSON	6406
KT4 AC	JOHN	11387	KC0 ALB	ZACH	4094	KD8 AUQ	PATRICK	12062
WA6 ACC	DENNIS	10598	KC9 ALE	DON	9952	K4 AUR	MIKE	11614
N4 ACF	RALPH	8061	W1 ALK	PETE	9222	N2 AUR	GEORGE	1009
VE6 ACF	ART	7333	VE7 ALQ	Ya'akov	11117	WA5 AUR	HOWARD	11123
VE5 ACJ	VAL	11474	K7 ALR	DAVE	9721	KE5 AUW	GINA	12001
K7 ACK	FRANCES	3097	VE1 ALZ	JIM	6905	AB8 AV	JOSEPH	3800
W7 ACL	RUSS	5659	N1 AM	JOHN	7303	AD7 AV	DOUGLAS	10170
W5 ACM	ANDY	10721	N2 AME	LOU	5820	KE7 AV	DOUGLAS	6723
W8 ACM	ART	10526	N3 AMG	FRED	8749	N7 AV	DALE	3200
WB1 ACM	WAYNE	10520	W2 AMI	BOB	10480	KA3 AVB	BOB	5018
K7 ACP	BOB	6563	WA4 AML	AL	11457	N6 AVC	GLEN	7595
K5 AD	JOE	11007	KD8 AMR	DAVE	11229	W2 AVC	DICK	11938
KT4 AD	JOHN	4463	WH6 AMU	RYAN	9157	WB7 AVF	ROB	11881
W6 ADB	BERNIE	3037	W4 AMW	CAP	8793	K5 AVJ	LYNN	11660
N2 ADE	JOHN	11783	KA8 AMX	TRISH	1453	KD7 AVK	LAFAYETTE	4324
KA0 ADF	RAYMOND	11438	W1 AMZ	TONY	7207	VA3 AVP	DAVID	9913
K16 ADM	Minuteman ARC	11789	AA1 AN	JOHN	10487	N4 AVQ	TIM	11996
N2 ADP	JOE	3118	AB2 AN	JOHN	6944	K9 AW	GARY	10527
A14 AE	JERRY	10649	AD7 AN	TIM	4130	KK6 AW	KELSEY	8196
KB5 AE	GEORGE	11363	K8 AN	RALPH	1484	KN8 AW	DAVE	6834
N5 AE	RICHARD	8543	W9 AN	AL	9782	W1 AW	ARRL HQ	10200
W6 AEA	GEORGE	5122	KH6 ANA	ANACLETO	10041		Operators Club	
KE4 AEB	JO	7399	VE6 ANA	GEORGE	6387	WW1 AW	JOJO	5634
W1 AEC	S.E. MASS ARC	10555	W7 ANF	JIM	7323	W1 AWB	ANDY	9260
W3 AEG	MILT	12011	KB8 ANY	PAUL	5166	N2 AWE	DAVID	11630
W1 AEL	ALLAN	7271	K7 AO	KEN	4305	K4 AWI	JERRY	8213
AC4 AF	CHARLIE	9490	N3 AO	CARTER	2367	KP4 AWI	ERNIE	3302
AD6 AF	RAY	11864	KE4 APC	JEFF	11647	K7 AWJ	JOE	11351
AD7 AF	DICK	10509	N7 APP	BOB	8621	KD4 AWN	DAWN	11188
KB1 AF	WENDY	9292	N2 APQ	ROBERT	8753	VE2 AWR	SERGE	10370
KE1 AF	ABEL	2954	KB3 APR	ANDREW	8417	W1 AWW	Walled Lake ARC	8450
K18 AF	GREG	4322	K4 AQ	MATT	8652	AB3 AX	GORDON	12008
N5 AF	SAM	2171	W1 AQ	Assoc. Radio Amts. of New England	7950	K4 AXB	CHARLES	6766
KE4 AFB	JIM	11452	W8 AQ	JACK	10716	VE3 AXD	HOWARD	8827
W8 AFI	ED	2991	KC9 AQD	PHIL	10743	W9 AXD	Rockford FISTS	7250
KC2 AFK	DAVE	3922	KE5 AQD	ROGER	11507	WD4 AXJ	MARTY	2668
AD6 AG	MIKE	3242	K8 AQM	TED	11627	N9 AXK	KEN	7876
K8 AG	JOHN	10274	WA9 AQN	JOHN	5827	WA6 AYJ	BOB	11563
W8 AG	CALTALPA ARS	4300	K0 AQO	JACK	10305	K14 AYK	PAUL	10971
WB3 AGB	JOE	7261	N3 AQQ	CHARLES	4745	W4 AYK	GENE	9256
W0 AGG	BILL	6241	W1 AQS	MIKE	7248	W0 AYO	DICK	9305
W2 AGN	JOHN	2781	KW6 AR	PERCY	8059	KC9 AYS	DOUG	9156
WB8 AGV	ROB	10205	WC4 AR	Wilson AR Club	10625	KG4 AYU	JEWEL	6197
AB0 AH	LARRY	11932	WA6 ARA	MICHAEL	11666	N8 AYY	GARY	7382
K4 AH	STEVE	11287	W9 ARE	CRAIG	8829	W2 AYY	DAVID	10798
WB8 AHJ	STEVE	11928	N9 ARK	JESSE	7232	AB7 AZ	PAT	11531
K4 AHK	BILL	6672	KC9 ARN	ELLEN	8668	KE1 AZ	JIM	5418
KB8 AHK	LARRY	7867	KG4 ARN	ED	6506	W9 AZ	Kankakee Area	11495
AC7 AI	GEORGE	8107	K1 ARO	DICK	1580		ARA	
AE4 AI	DAN	2444	N2 ARQ	RON	9287	KA9 AZD	JOHN	11758
W7 AI	RONALD	9538	WA2 ART	PHIL	11096	VE2 AZJ	MIMI	10371
W0 AIC	JERRY	7057	WB2 ART	KEN	3456	W9 AZM	BOB	10667
KC2 AIO	BOB	4071	VE2 ARZ	AL	6734	KD8 AZQ	ROBERT	11688
WB3 AIQ	JUDITH	7523	AC4 AS	JAMES	3321	K16 AZS	LEE	12046
N3 AIU	NICK	10337	K3 AS	BILL	2164	AL7 B	DICK	11997
WB2 AIV	BILL	7429	W5 AS	QCWA #63, Club	11263	KD9 B	DENNIS	8437
AJ4 AJ	PERRY	9999	W4 ASC	ADRIAN	10246	KG2 B	RAYMOND	12015
K3 AJ	TOM	9937	K14 ASQ	KENT	11013	KK8 B	DENNIS	3555
K7 AJ	TERRY	8831	W5 ASW	JIM	9949	KK9 B	JOHN	9303
K18 AJ	AR4NOLD	11810				KR1 B	BOB	3442

KS5 B	ED	3283	WB2 BJW	BOB	11910	VA2 BW	(ve3edr) BRICE	2031	K14 CBN	DAN	11247
KW8 B	DICK	11854	K2 BK	PAUL	11831	KB4 BWM	KENNETH	9967	KD7 CBP	CATHY	6394
KX8 B	CHUCK	2987	W6 BK	DAVID	4789	W4 BWP	BRUCE	9939	W9 CBT	DICK	3417
NC2 B	MARTY	1028	K4 BKD	PETER	6551	W2 BWQ	GENE	4357	VE7 CBU	JOHN	3890
NC8 B	PETE	11441	WA3 BKD	ART	11174	VA3 BWT	BRIAN	1285	KE6 CC	JOHN	8549
NM3 B	WAYNE	11345	N7 BKK	NINA	8821	W7 BWT	BRUCE	4693	KM1 CC	Cape Cod Visitors	9575
NN0 B	STEVE	10654	VE6 BKK	JIM	5129	K6 BWZ	BILL	11543	W4 CC	JOHN	7498
NY2 B	RONALD	10931	KK7 BL	JERRY	5068	AI4 BX	ROGER	8872	W9 CC	LARRY	1714
WA2 B	BARRY	7045	W8 BL	BRIAN	1221	K4 BX	BILL	4488	K8 CCE	DUANE	11168
WB0 B	LARRY	2916	W1 BLB	BONNIE	7021	K6 BX	JOHN	6741	N2 CCF	HERMAN	7297
WF6 B	DON	11528	W4 BLB	BOB	11611	W4 BX	FRANK	4049	WB1 CCG	DONNA	2310
WN1 B	SCOTT	10997	W5 BLV	GLOVER	11248	WA9 BXB	RICH	11198	WA6 CCM	HAL	7401
K6 BA	Gopher Canyon DX Association	11555	K6 BM	STEVEN	2973	KB0 BXE	DAVE	10481	KC0 CCR	RANDALL	6588
KB6 BA	OLIVER	10958	W9 BM	JIM	5818	KB2 BKK	STEVE	7811	W4 CCV	NORM	12081
W8 BAA	Chippewa ARC	10400	W9 BMC	THOMAS	6813	K4 BXN	CRIT	9992	K4 CCW	LAURI	10154
W6 BAD	DON	4979	W7 BMI	BOB	3144	WA8 BXN	MIKE	10753	W7 CCW	JOHN	1408
K4 BAI	JOHN	2158	AA2 BN	JOHN	8557	W0 BXS	DON	3607	KC2 CCX	STEVEN	6602
N2 BAL	JIM	11453	AB3 BN	GENE	10666	K4 BXU	ERIK	11497	VE7 CCY	SCOTT	9252
WA4 BAM	JOHN	10022	K2 BNL	Brookhaven Nat'l Laboratory	10700	WA4 BXW	FRED	11502	W2 CD	FRANK	9245
N5 BAX	BAXTER	5443	N4 BNO	ROD	4766	KD8 BXZ	NATHAN	11949	WL7 CDC	DOUG	2437
KH6 BB	Battleship Missouri ARC	11222	W4 BNO	ROBERT	11662	KP4 BY	Puerto Rico CW and Contest Club	10675	KB3 CDF	JOHN	7647
N3 BB	JIM	5435	N3 BNT	DENNIS	11206	KC2 BYA	ED	6940	W0 CDN	CHRIS	11413
NJ2 BB	BATTLESHIP NEW JERSEY	9262	N7 BNT	DOUG	10723	W9 BYH	BILL	3394	W2 CDO	PETER	8807
KC9 BBA	DICK	11365	WD6 BNT	IVAN	11573	WD6 BYH	BOB	3170	VE3 CE	WAYNE (ve3efj)	6549
N4 BBB	SCOTT	11803	KB8 BO	JOE	10091	K4 BYR	BILL	9380	W3 CEB	WOODY	7569
W3 BBO	BOB	6281	WA6 BOB	JOHN	7880	W5 BYU	BAYOU CLUB	5999	W4 CEB	DICK	11327
KC5 BBP	RICK	8545	W5 BOK	WILL	11084	N3 BYY	SCOTT	5030	WB1 CEI	ED	10601
K8 BBQ	LARRY	4954	W9 BOK	WILLIAM	4913	AB9 BZ	DAVE	8401	K0 CEU	BILL	4663
WB6 BBX	TIM	4682	N9 BOR	MIKE	4594	BZ	HARRY	11404	AB7 CF	ROB	11482
K0 BC	GARY	7477	KB2 BOY	STANLEY	1598	VE3 BZ	Pumpkin Patch Contesters	10375	N7 CFA	ED	1402
W0 BCA	ROD	11092	AA0 BP	JOHN	9285	KD5 BZF	LEE	11369	KB1 CFB	RON	4909
W7 BCC	RON	7052	AC9 BP	Indiana Brass Pounders	10050	KH6 BZF	JIM	11526	KC5 CFB	DAVID	7892
K2 BCL	GAIL	2438	K3 BP	BEN	4232	K5 BZH	RAY	5149	WB0 CFF	CARL	3465
KA1 BCR	NORM	9984	W4 BPH	Bay Pines Vet Hospital Club	8075	N0 BZM	WILBUR	11341	VE7 CFG	JOHN	9515
AF4 BD	MARVIN	4696	W4 BPR	Battleship Park Radio Club, Inc	11950	AC3 C	JOHN	7295	W5 CFN	RON	8078
KC5 BDA	ANN	5213	AA1 BQ	TOM	10554	KE5 C	CARL	11367	WA1 CFX	HOWARD	4655
K1 BDX	KENJI (listed by JA call signs also)	8962	AC0 BQ	JOHNNY	10594	KJ6 C	GEORGE	1730	W1 CFZ	RUSS	0294
K2 BE	CARL	2581	W1 BQ	ALAN	7493	KR5 C	LEO	6622	AA7 CG	MARK	9211
KK4 BE	RAY	5343	W8 BQ	DOC	11270	KX9 C	CHUCK	10102	K9 CG	CHRIS	6290
W9 BEA	WALTER	10934	WA2 BQI	BUD	2009	N10 C	ISAAC	11615	KD8 CGH	BOB	12014
KA5 BEE	MEL	11769	KE5 BQK	LINDA	12048	NJ3 C	PAUL	8294	VE3 CGJ	HAIDA (Ship)	7230
W6 BEG	ROBERT	9146	KC8 BQN	JAKE	2663	NN0 C	JEFF	7959	WB6 CGJ	DENNIS	7343
K4 BEH	PAT	12109	W4 BQP	JIM	9298	NO8 C	MIKE	9356	W4 CGK	SYD	7237
W9 BEL	BILL	11159	KG4 BQQ	KYLE	6832	NR3 C	MIKE	8480	N1 CGP	DAVE	9548
VE3 BEX	HARRY	5222	KM4 BR	RON	1593	NU5 C	BILL	2598	W3 CGR	JOE	11897
K9 BFL	ANNE	11255	N4 BRA	GENE	7643	NZ7 C	TIM	7879	W0 CGV	JOHN	9366
W1 BFN	MIKE	5002	VA3 BRC	Brockville ARC	10100	WC3 C	CHUCK	3360	VE6 CGX	TONY	3919
N1 BFO	BRUCE	8717	WB8 BRC	GEORGE	8105	W12 C	JOHN	11291	K1 CGZ	PAUL	7204
K0 BFT	JIM	7918	W9 BRD	ROD (VA3ZBB)	1782	WT3 C	TOM	8062	AA5 CH	BRAD	8133
KD5 BFT	VANCE	9966	W9 BRE	BRIAN	11223	WY8 C	REUBEN	10082	KM4 CH	JOHN	5043
WA6 BFT	GRADY	6212	KJ7 BS	MARK	2972	WZ8 C	NANCY	0379	N2 CHI	DAVID	11443
K2 BFY	HENRY	12073	WB0 BS	BOB	5898	KJ6 CA	BOB	5161	WA5 CHJ	JACK	11233
AA5 BG	RICHARD	9136	KC8 BSC	AL	2069	KN6 CA	DON	5060	K4 CHS	WAYLAND	11213
K2 BG	JOW	7655	K8 BSG	CARL	10271	N5 CA	ALLAN	11983	VE1 CHS	PETER	10545
N0 BGT	DOUG	7552	KC9 BSP	KEN	10921	VA7 CAB	CHRIS	11046	K4 CHT	JOHN	11560
KC5 BHF	JIM	8208	WA2 BSW	RON	11860	W4 CAC	CARL	5093	K8 CI	DICK	5270
K8 BHG	LEE	10023	AB8 BT	ANDY	6136	WB8 CAC	BOB	6970	KJ5 CI	BILL	11308
K6 BHH	JOHN	5609	KU4 BT	JERRY	7893	WB9 CAC	BILL	11256	W0 CI	JERRY	9543
W8 BHK	BUD	10566	N1 BT	DAVE	2522	W8 CAG	ROBERT	7955	K14 CIA	MELINDA	11956
K4 BHL	DALE	10621	KE7 BTB	DELLA	11323	WB7 CAG	GARY	11904	N9 CTB	RAY	1922
VE3 BHW	JACK	10417	K8 BTD	GIL	11517	W8 CAG	FRANK	10759	WB2 CTC	CHARLIE	12104
AF4 BI	GARY	6289	KC2 BTL	CLYDE	5356	N1 CAJ	Southern Counties Amateur Network	9550	K7 CTE	MIKE	11416
W7 BIA	ARNIE	8755	N3 BTM	JOHN	1574	AD6 CB	LEN	10619	WB9 CTS	JOHN	0531
KB7 BIC	BRENDA	4178	KV4 BU	ART	7405	A14 CB	RON	9929	WA4 CIT	RANDY	8280
WA8 BLJ	VINCE	0905	KF3 BV	BEV	10454	K6 CB	CHRIS	3471	KK7 CJ	RUTH	9583
N9 BIL	TIM	11378	W2 BVK	ED	2495	KD9 CB	PHIL	10671	W4 CJD	BOB	6746
KA7 BIY	AL	11266	KB9 BVN	BRIAN	5695	VE1 CB	RENE	11269	VE3 CJE	NORMAN	8043
W2 BJ	BARRY	2701	KD7 BVO	LYNETTE	8521	KA3 CBC	ERNEST	3230	WA6 CJK	REM	8889
W9 BJH	BRIAN	7551	AB1 BW	GEORGE	10794	K3 CBE	JOHN	11723	K9 CJM	TOM	10935
KE3 BJM	BUTCH	11994				K4 CBF	CHRIS	10306	N3 CJM	ROBIN	11540
						N9 CBM	JOHN	7032	KB1 CJO	DAN	7380
									K3 CJQ	TED	2177
									KD7 CJV	PHILIP	9733
									KC2 CK	DON	9132

N3	CK	CHARLIE	11364	W1	CTT	STEVE	11534	NN0	D	AL	6724	K9	DIY	MILL	2798
KC2	CKI	CAL	5715	KB1	CTY	LARRY	4002	NU7	D	RANDY	1796	NP2	DJ	DEBBIE	1489
KD5	CKP	TIM	5201	WA0	CTZ	DAVID	11264	WB2	D	PETER	2071	N0	DJD	SID	2435
K3	CKT	JIM	9286	KC3	CU	HANK	11568	WF1	D	GERALD	8848	W2	DJH	STANLEY	11554
WD6	CKT	GARY	2484	KJ5	CU	JOHN	9417	WW6	D	DOUG	7937	KB4	DJN	ELWOOD	8552
WL7	CKX	PATRICK	2050	ZP6	CU	DANI	6288	WY3	D	FRANK	11716	WB7	DJR	CARL	2004
KB4	CL	BOB	10355	W2	CUA	GEORGE	9269	AI4	DA	JOHN	9592	AB5	DK	TOM	11539
W3	CL	CARL	3477	K4	CUB	JACK	11397	KG8	DA	GEORGE	1473	K3	DK	DIETER	7302
W6	CL	CAROL	11621	VE5	CUL	BRIAN	12029	WA2	DAC	LYNN	4621	W7	DK	Radio Club of Tacoma	10500
KG6	CLJ	JAMES	8899	KG4	CUY	TOM	6706	W5	DAG	DENNIS	11710	N2	DKB	PAT	9787
KA4	CLM	ARNOLD	4470	A44	CV	DICK	11059	K4	DAJ	TOM	4612	KD6	DKC	RICK	6996
N5	CLM	GREG	10655	KF3	CV	STEVE	9759	W5	DAR	DEMING ARC	7500	WA2	DKG	JERRY	5728
KF4	CLO	FRANK	5287	KK4	CV	CHUCK	2558	WH0	DAT	Who Dat Radio Gang of Saipan	11300	K5	DKH	WILLIE	2720
W0	CLS	JIM	4466	W3	CV	SCOTT	1502	WA4	DAX	TOM	11705	W6	DKO	DON	11504
WP4	CLS	MILLIE	2541	N7	CVB	CARL	4279	N2	DAY	RAY	11576	KB5	DKW	RON	4630
KH7	CM	BOBBY	7903	K8	CVC	BOB	3324	KG4	DAZ	CHUCK	12079	NE5	DL	DAVE	10285
N7	CM	CLAIRE	5941	N4	CVF	KURT	5221	W1	DBD	ED	5240	W8	DL	DON	7307
WK6	CM	BILL	7441	KB3	CVO	TOM	8110	K0	DBK	BRAD	11406	WB9	DLC	MIKE	11145
K4	CMC	BRUCE	9263	N3	CVP	PETER	6277	KI4	DBK	BRETT	10686	K5	DLE	GENE	5608
KD5	CMN	MIKE	7406	KB3	CVS	TOM	10068	N1	DBS	DAVE	9702	VE3	DLH	JERRY	3292
W5	CN	MARC	8281	WD9	CVX	LEONARD	10479	WB8	DBX	JIM	6119	N0	DLJ	DAVID	1419
N7	CNH	DOUG	10682	W4	CVY	COLUMBUS ARC	10650	W3	DBY	MAX	11590	W5	DLP	DAVID	10208
W8	CNJ	ROGER	9212	AC0	CW	JAMES	11891	KB1	DC	JON	6712	N7	DM	DM	7556
W7	CNL	JACK	2631	AI4	CW	DON	4473	KF3	DC	KEN	6521	KB3	DMA	DON	6513
W4	CNM	JACK	7396	K0	CW	CHARLES	8014	VE5	DC	JERRY	4554	WB0	DMC	ROBERT	11423
KG4	CNZ	ROBERT	8142	K9	CW	DREW	5244	W8	DC	Grand Rapids ARA	11460	N4	DMI	WALT	10065
N0	CO	BILL	10303	KP4	CW	EFRAIN	11465	WB1	DCC	DICK	7240	K6	DMM	JACK	8866
KE4	COH	BRYAN	7678	KS0	CW	Kansas CW Club	10425	VE2	DCI	MAC	5318	WD9	DMM	MATT	1412
K0	COP	DAVE	4748	KS6	CW	CATHY	7378	W9	DCQ	DOUG	8787	WA1	DMV	BILL	4935
KB2	COP	JOHN	11436	NC4	CW	FISTS Club of Coastal Georgia	5200	AC4	DD	MAX	10412	KC2	DMX	CHARLOTTE	6298
N2	COP	BILL	11622	NN4	CW	GIL	9571	K8	DD	HANK	5295	AA4	DN	DARRELL	8732
N3	COR	DON	3221	WA2	CW	BARRY	2774	N9	DD	TOM	11672	KI0	DN	JIM	11680
PY7	COU	PAULO	7584	WA6	CW	ROB	3293	K8	DDB	MIKE	4527	WB2	DNG	BOB	8267
N8	CPA	STEVE	2904	WC4	CW	LowKeyContesters	5100	W6	DDB	BILL	1525	WD4	DNG	MARK	9719
KE4	CPC	JASON	11462	WI4	CW	KEN	10583	N9	DDC	STEVE	11239	W2	DNJ	BOB	4752
VA7	CPC	CHARLES	10604	ZP6	CW	DOUGLAS	1771	KE4	DDI	RICK	5271	N1	DNM	GEORGE	1445
W8	CPG	BRUCE	2340	W4	CWA	FRANK	8291	VD7	DDW	DAVE va7vvv	9112	W4	DNZ	PHIL	4269
VE1	CPL	CARL	7359	WB2	CWA	BOB	5316	NU5	DE	Naturist Am. Radio	8050	KF3	DO	BERN	8466
KA6	CPM	NICHOLAS	11571	K9	CWD	HoosierLakes ARC	10750	W8	DEA	DON	3470	N5	DO	DAVE	11673
N7	CPP	BRUCE	2075	N8	CWG	PhoneLess in America Morse	3500	KI4	DEF	KEVIN	10620	NU4	DO	NORMAN	10662
WB8	CPY	BILL	11929	K7	CWH	CHARLIE	11690	K3	DEN	DENNIS	6203	W0	DO	RICHARD	8764
AE6	CQ	MICHAEL	8727	K4	CWL	TIM	3886	KC8	DEN	DALE	4033	W7	DO	GARY	8520
K5	CQB	JIM	11703	KE5	CWN	LEO	12094	WA4	DEO	DOZIER	9494	W8	DO	DAVE	1486
W8	CQD	SCOTT	10679	KF6	CWU	GILBERT	11683	VE4	DET	RICHARD	11509	N8	DOE	HANK	10092
KE5	CQJ	KEVIN	11496	N0	CCW	NED	9754	W9	DEW	DON	1406	WB1	DOG	JIM	6169
KF4	CQN	ROY	9734	KW8	CX	LEO	9205	K6	DF	DENNIS	3076	WB3	DOM	RON	10981
KB3	CQU	HANK	5885	N2	CX	JOE	9273	N3	DF	NEIL	3328	K3	DON	DON	4067
N0	CQV	LOGAN	11584	N6	CX	GLEN	3263	K4	DFG	DAVE	11402	W4	DON	DON	3936
VE3	CQV	RON	10461	WA4	CX	BILL	4959	WA2	DFI	SCOTT	10241	K1	DOT	DOROTHY	10633
KD5	CQX	REGGIE	10169	WB4	CXC	VAN	11318	W4	DFP	BILL	11249	K3	DOV	Central Delaware Skywarn	7316
AA1	CR	OWEN	5083	KE5	CXK	JIM	11202	W1	DFU	BERT	9180	KD6	DOX	ART	11451
AB8	CR	STEVE	6130	K0	CY	BOB	7047	NN6	DG	DIMA	9312	W5	DPM	WES	11047
KE3	CR	GILES	4192	W8	CYG	JOE	1471	W7	DG	Lower Columbia Amateur Radio Cl.	5777	KF4	DPS	JIM	3447
KJ5	CR	JOHN	5936	KC7	CYR	STU	8810	KI4	DGH	CHUCK	10783	WB3	DPS	MARK	6789
K8	CRC	CRAIG	11794	K4	CZ	BARRY	11374	W7	DGP	LARRY	11682	W7	DPW	DAVE	10410
N7	CRG	Syracuse Emerg. Radio Group.	2797	K3	CZ	TOM	2360	WA2	DGV	ALFRED	11137	W9	DQ	PHILLIP	10359
VE9	CRM	ClubRadioAmateur du Madawaska	8600	VA7	CZ	DAVID	11957	W7	DGW	JIM	11693	WA4	DQU	KENT	2449
VE7	CRO	RUDY	4660	W0	CZ	KEN	7218	KF6	DHA	COLLEEN	3947	KC2	DQV	ROBERT	11527
W8	CRO	BOB	6260	WA4	CZK	GARLAND	2783	W8	DHG	DUANE	11637	AB1	DR	ANN	10747
W3	CRR	CRAIG	11454	AF2	D	TOM	10098	K0	DHQ	HANK	11480	N5	DRB	DENNIS	11297
KB3	CRY	DAVID	5826	AF7	D	BILL	2690	W2	DHT	BILL	4795	VE7	DRC	DWAYNE	9707
AI4	CS	GENE	10495	AK7	D	FRED	8818	K9	DI	WAYNE	4409	KD5	DRE	CHRIS	7455
K7	CS	DON	9164	KC4	D	BILL	2709	K04	DI	EILEEN	7508	K0	DRS	DAVE	10987
K9	CS	CARL	10070	KC8	D	DENNIS	3132	KB8	DIE	JULIUS	9189	N5	DRV	JOHN	11947
WA7	CS	CARL	4561	KE9	D	ROGER	9906	K7	DIK	DICK	11207	KB3	DRW	DON	6296
KG6	CSE	TOM	10242	KJ1	D	DON	11561	W7	DIK	JOE	6651	KD5	DRY	WARREN	11471
KG4	CSG	CYNTHIA	6585	KK8	D	SCOTT	10972	W4	DIM	DAVE	6291	KD5	DS	DAVE	10229
VE3	CSJ	JOHN	12084	KM3	D	HARRY	12076	N7	DIP	PAUL	12070	KD7	DS4	MARY JANE	10240
KC2	CSQ	CRIS	6941	KQ5	D	LAURIE	4344	KD5	DIQ	PENNY	8540	KB1	DSB	KARL	6938
W7	CSX	JIM	11149	KW2	D	PETE	6707	W4	DIT	Cedar Forest QRP Group	11355	K9	DSB	DAVID	8181
WA9	CSY	CHUCK	10281	NA4	D	LLOYD	11665	W8	DIT	JOHN	6880	KC9	DSE	JIM	10401
VE3	CTP	CHRIS	10440	ND3	D	MATTHEW	12021					K5	DSG	DOUG	9280

K8	DSL	JOHN	11564	KT2	E	MIKE	5086	N2	EI	SKIP	6214	N8	ERL	DAVID	10951
W9	DSP	AL	11970	KT5	E	JAY	11747	N7	EIE	LEROY	9926	N9	ERN	ERN	11041
KG6	DSV	DOUG	8695	NE5	E	DAVE	11594	K8	EIG	BOB	5868	KB1	ERV	ED	8586
KC9	DSW	MARK	11424	NS3	E	ED	0909	K8	ELJ	JIM	10674	K1	ES	GLENN	8292
W2	DSX	JIM	10009	NU3	E	JOHN	3833	VE3	EIM	ROBERT	5373	KQ6	ES	JOHN	2406
AE1	DT	LANCE	10317	NU7	E	WALTER	4705	K9	EIS	DENNIS	11339	KE7	ESA	BERT	11876
AE4	DT	JIM	8650	NV7	E	SIG	8636	W5	EIU	LARRY	7329	K6	ESE	TREV	7814
N4	DT	DANNY	11968	P43	E	EMILY	5055	AE6	EJ	CURT	9732	K9	ESE	JEFF	10929
KD4	DTM	KIRK	11238	WB0	E	KENNY	9323	KD5	EJA	JOHN	5978	N5	ESE	MONTY	9923
AA3	DU	MICHAEL	1400	W18	E	Swartz Creek RF Club	11350	KE5	EJH	JACOB	11736	N9	ESH	JIM	11801
K7	DU	GEORGE	5616					VE3	EJM	AL	10730	K3	ESP	TOM	10118
KV4	DU	JULIE	7312	WJ4	E	TOMMY	9225	WA5	EJQ	BILL	11057	N3	ESQ	DEL	11567
W6	DU	RICH	5726	WO8	E	IRENE	0656	K7	EK	GARY	3951	K7	ESU	RICK	6201
W7	DUD	KENT	5057	WS9	E	JOE	6791	KB1	EKD	ED	6982	W2	ESX	JOHN	1565
WN3	DUG	CARL	9953	WT0	E	BUD	7999	KA9	EKG	TOM	9701	K10	ET	FRED	5168
W4	DUK	DAVE	11524	WU0	E	JOE	11776	WD9	EKK	HELEN	5779	K14	ET	JIM	11814
WB0	DUL	RICHARD	10912	WU9	E	PHILIP	1449	K2	EKM	BILL	10138	KB3	ETE	JIM	11049
N5	DUQ	BURL	7244	AA5	EA	WALLY	1969	WA6	EKR	DAVID	11742	WA6	ETF	GEORGE	5938
K9	DUR	RAY	11964	AG4	EA	BILL	11753	N4	EKZ	JAMES	9911	W6	ETK	NORRIS	3626
KC4	DUT	SILAS	11679	N3	EA	ALAN	6151	AB8	EL	DON	8237	KB0	ETU	PHILLIP	9555
K14	DUX	Sam Davis	10600	XE2	EA	JORGE	8111	W9	ELK	CHUCK	7274	AD7	EU	PETER	12055
		Memorial CW Cl.		KC5	EAF	LARRY	11403	WB7	ELK	WILLIAM	1203	K2	EU	FRED	3913
KB1	DUY	ABIMAEAL	10699	KE7	EAG	ROB	11846	KE7	ELQ	BERNIE	11805	K7	EU	PHIL	4701
AK6	DV	CHUCK	8130	KA3	EAJ	DAVE	10765	KB1	ELS	DAVE	7015	KC9	EUH	JAY	5344
KQ6	DV	TOM	6233	W8	EAL	LAWRENCE	8780	WB7	ELZ	DON	10786	WB6	EUH	ROBERT	9311
W3	DV	Woodwardville	1975	K1	EAR	JOHN	11420	KD3	EM	DAVE	8460	KD7	EUL	JIM	8204
		Amateur RC.		N4	EAT	RAY	11030	KK7	EM	JIM	10218	VA3	EUU	PETER	7410
K1	DVA	ROLAND	9318	W4	EAT	CARL	6265	W9	EM	JOHN	4127	K1	EV	BILL	8461
W6	DVB	BILL	9591	N1	EAV	GEORGE	8178	W3	EMB	JACK	3598	KU4	EV	CHUCK	6779
KC7	DVF	ADAM	9470	N0	EAX	RICH	8847	K0	EMC	JAMES	11120	N6	EV	PAUL	1407
W6	DVO	MARK	12106	KC7	EAY	TIM	5961	PY2	EMC	ERIC	11648	N0	EVH	JOHN	8405
KA9	DVX	JOHN	3677	W0	EB	AUBREY	11003	W6	EMD	DAVE	2095	W9	EVZ	ARTHUR	7245
AA3	DW	RAY	5839	K14	EBD	BILL	11711	WB9	EMD	DENNIS	11312	AB4	EW	ROD	10411
K1	DW	DALLAS	4972	N5	EBD	KENNETH	9465	WD9	EMF	VIC	8574	K9	EW	ED	11126
K3	DW	KEN	11401	WB3	EBN	BOB	5346	N2	EMG	LELAND	7349	VA3	EWK	ELMER	6781
KK4	DW	DAVE	8820	VE2	EBP	PIERRE	10630	KA2	EMZ	BILL	11380	WA5	EWN	EMMETT	10197
W5	DW	WIB	8815	K5	EBX	ED	9382	N3	EMZ	JERRY	7512	VA3	EWV	VINCENT	8070
VE7	DWA	DAVE	1488	N3	EBX	MIKE	11260	K8	EN	KEN	0927	K7	EX	WAYNE	11205
WD5	DWC	JOSEPH	10058	K1	EC	CONRAD	8124	N8	EN	STEVE	2917	K1	EXI	DANA	11581
W4	DWD	JAMES	3459	KA0	EC	GENE	7841	N4	ENC	Eastern NC CW	12050	WB2	EXI	JOHN	2760
WD9	DWE	DENNIS	7017	NY3	EC	USS REQUIN	1443	K6	ENT	KENT	7885	WB5	EXI	CHAS	11208
N5	DWI	JOHN	11746	K5	ECI	WILLIAM	11939	KB3	ENU	ROBERT	7658	K3	EY	CURT	5238
W4	DWK	DAVE	6914	WA2	ECP	VINCE	6374	KR4	EO	WALTER	6725	K6	EY	BECKY	2961
WA4	DWW	JOHN	10135	KG2	ED	RICHARD	11663	N2	EO	RICH	11530	K8	EY	FISTS CW Club	3400
K1	DWZ	KENNETH	11944	KP4	ED	LUIS	11604	N4	EO	JERRY	4650			of Michigan	
AA6	DX	MARK	11892	NA0	ED	ED	5049	W2	EO	ED	8729	KF8	EY	ROB	8027
K1	DX	GEORGE	11733	KA8	EDB	NEIL	9495	W6	EO	TOM	7914	WA2	EYA	JOHN	7039
KD8	DX	HOWARD	7636	W4	EDB	CARLOS	8433	W8	EOC	Medina 2mtr group	10250	WB0	EYA	DEAN	11879
KJ6	DX	Little Rock Contest	10775	K0	EDG	DUANE	5268	W5	EOE	SHEP	11244	K1	EYB	GEORGE	6225
		Club		WB9	EDP	HARRY	8669	KC9	EOG	JAKE	11203	KC2	EYG	JOE	7368
KT8	DX	BOB	3515	VE3	EDR	(va2bw) BRICE	2031	W3	EOP	ROBERT	8162	AD6	EZ	DENNY	4570
WN2	DX	MARTY	3841	KB3	EDU	DAVE	8448	AB8	EP	JIM	5950	N9	EZ	JACK	11546
WN4	DX	LARRY	3345	KB0	EEA	DEBBY	10339	KP9	EP	ERIK	3217	WB2	EZG	VINCE	0315
WA8	DXD	TOM	3806	N6	EED	TERRY	7375	N1	EP	PHIL	11966	N2	EZY	DAVE	7543
W8	DXI	Michigan DX	9300	W3	EEK	CARL	11559	N9	EP	ED	6244	KK3	F	PAT	10074
K4	DXU	BILL	10646	K6	EEP	MIKE	9773	WB7	EPC	JACK	4608	KK6	F	BOB	7607
KB2	DY	PETE	10397	KC0	EEP	TORI	11980	N3	EQ	ROB	11674	KR2	F	VINCENT	4582
N5	DY	JACK	11105	W4	EEX	SARA	5422	K1	EQA	JAY	3876	KW3	F	BOB	10140
KD5	DYI	JAY	10414	W5	EEX	JOHN	7415	KC2	EQA	LARRY	8865	KX5	F	PAT	4565
XE1	DYO	JOSE	2410	N3	EF	ERIC	11863	W8	EQA	DAN	2469	KY7	F	DOUG	7311
KC2	DYW	CATHY	5824	K0	EFD	Ellicott Volunteer	10175	KC2	EQB	RALPH	6392	N15	F	BILL	8682
AB9	DZ	PETE	10571			Fire Dept. ARC		KC9	EQC	JON	11154	NN1	F	ARON	4110
AE6	DZ	LARRY	10534	VE3	EFG	WAYNE (va3oe)	6549	WA2	EQF	SCOTT	11337	NR9	F	AL	11446
K1	DZ	RICK	10272	KB3	EFV	DICK	7346	WB8	EQG	BOB	3530	WA0	F	MARK	1736
K4	DZ	BILL	2012	K4	EG	Alamance ARC	11375	WN8	EQI	BOB	10437	WD9	F	WOODY	7852
N3	DZ	DAVE	7486	WB5	EGI	BRAD	11678	W0	EQO	Courage	10075	WU9	F	TERRY	7829
N7	DZ	BILL	5032	K3	EGR	JOHN	6869			HamdiHams		AB8	FA	BILL	7094
W4	DZR	BOB	9997	AC5	EH	DWAIN	3129	K4	EQQ	DEAN	11230	AB9	FA	JAY	11654
KA8	DZU	TIM	11606	KQ6	EH	PAUL	3429	KC7	EQW	Coronado ARC	8675	N9	FA	FAY	4188
KB1	DZZ	DAVE	7255	W1	EH	CHRIS	11775	K1	ER	JOHN	11212	WB8	FAL	CHARLES	10116
AA6	E	MARTIN	11607	W8	EH	ERNEST	11667	VA6	ERA	OLIVE	0743	VE3	FAL	FRED	2337
AB6	E	LARRY	6574	K8	EHE	TERRY	3152	K1	ERB	WAYNE	3109	W9	FAM	VERN	8223
KA0	E	KEITH	7930	K7	EHL	ED	9343	VE7	ERE	FONZIE	5325	KC4	FAN	BRIAN	10746
KB2	E	CHUCK	1964	KC0	EHR	DAVID	5714	KB3	ERI	JAY	7839	KC9	FAV	BRIAN	11437

W8 FAX ALAN 2192	WA2 FJK FRANCIS 4617	K2 FW STEVEN 11990	KG6 GHS MARK 10227
WA5 FB FRANK 3691	KB3 FJO ART 11979	K14 FW RICH 11048	VE3 GHZ RALPH 10171
KA6 FBB AL 10683	WA1 FJT LEE 8161	NP4 FW HECTOR 2531	AD6 GI CHUCK 5090
K14 FBF TIM 11304	KC9 FJU SHARON 11478	KE4 FWA CARL 3818	KP9 GI BROCK 2451
W0 FBI DAVE 10617	KA5 FJY THEODORE 11816	N2 FWB JOHN 11418	N2 GI BOB 5645
KA2 FBO GARY 5989	AG4 FK GEORGE 11551	KK5 FX REGINA 4566	KG4 GIF THOMAS 7317
KD4 FBT ART 10243	K6 FK MARY 11815	N3 FX TONY 7267	KF4 GIN FRANK 5921
A14 FC DAVE 10266	N0 FKA KATHI 5276	KG4 FXG BILL 7249	W2 GIW KEN 11385
W9 FCC DAN 11774	W1 FKA ERIC 5733	KC2 FXH BOB 10136	W2 GJ PETER 11841
K0 FCG THOMAS 7278	N0 FKC PETE 5794	WB2 FXK JACK 0918	KH6 GJV BILL 7475
W0 FCL DAVE 6754	K3 FL FRANZ 6133	KD6 FXW GERY(ve2krm) 5338	AB2 GK JEFF 6752
W4 FCR FISTS QSL BUREAU 7007	KD4 FLO JOHN 1506	W5 FZ DAVE 10078	N6 GK GREG 11012
KF6 FCV JIM 5357	K8 FLY BILL 3032	WA9 FZB STEVE 11276	WB9 GKM GREG 6742
WB9 FCZ BILL 4383	K0 FM FRANK 9970	N9 FZJ DAVE 11288	N8 GKQ DAVID 6362
KF4 FD TERRY 9255	N6 FME FRED 12083	N9 FZK BOB 10729	KF6 GKR TERRY 3104
K14 FD TOM 5185	VA2 FMG FABIEN 8038	KG6 FZM TOM 9131	KG2 GL TONY 5947
N9 FDF TOBY 11382	WB0 FMS BOB 8723	K14 FZY JAMES 11483	KP4 GL CARLOS 11381
N4 FDG BUCK 11948	K9 FMX TERRY 11893	AD6 G FRITZ 10269	WA8 GLF JOHN 6342
W8 FDV JIM 1959	KA3 FMZ RUDOLF 7357	AE9 G HANS 10781	W9 GLG GERALD 9737
N0 FDX DONALD 3403	K8 FN BOB 2455	AL1 G CORLI 8505	K14 GLH DAVE 11179
K3 FE JOE 11306	K9 FO WILL 9339	KA6 G JIM 9728	W9 GLH JAMES 7339
K8 FE KARL 5035	KM4 FO DWIGHT 3316	KD0 G STAN 10234	WA4 GLH PHIL 10295
N6 FE DAVE 2398	WA4 FOB LARRY 7223	KF1 G LEROY 10190	WB4 GLJ JOHN 7910
KA7 FEF MARY 8751	K9 FOH BOB 8409	KG2 G BERT 9413	KC2 GLL ED 10493
KB3 FEI DALE 11909	WB3 FOJ HOWARD 5770	KZ2 G BOB 11366	W2 GLQ NUTLEY ARC 8175
WA6 FEJ STEPHEN 6758	K2 FOP Fraternal Order of Police ARC, #145 6700	NA6 G STEVE 9776	N5 GLR GARRY 10187
KB2 FEL BOB 10182	K0 FP FRED 12020	NP4 G JOYCE 9145	AC7 GM JERRY 4678
WD9 FEP JON 2127	K8 FP DARYL 7572	NS2 G HELEN 0393	K0 GM CHRIS 11536
WA9 FET ROYSE 7958	W4 FPB FRED 11014	NT7 G MIKE 6395	K4 GM GEORGE 10323
WD0 FEU ANNETTE 8619	N1 FPG STEVE 1217	W12 G ANNE 3143	KE9 GM GREG 6920
N8 FF KEN 1225	K9 FPM RON 8778	WM8 G MARK 7484	N9 GM TONY 5047
W0 FF JIM 5020	KD5 FPM RON 10389	W00 G GENE 2349	W4 GMX COY 12105
WA6 FFA DANIEL 11744	W6 FPS RON 8577	WT6 G LEN 7602	N8 GN GEORGE 4709
K1 FFF New England CW 6200	K1 FPV BILL 10418	WV7 G WILLIAM 11008	W1 GN DAVE 4520
K2 FFF FISTS of Long Island 7450	N2 PQ FERNANDO 8649	K8 GA JERRY 5997	VE3 GND BOB 7505
K4 FFF FISTS CW Club of Florida 7000	A14 FR JOHN 11184	K9 GA GEORGE 8883	K5 GNI GEORGE 11028
K5 FFF Pouncing Fox ARC 9750	K0 FR BOB 11178	W4 GAC St. Petersburg Amateur Radio 7875	KC2 GNL BILL 10465
K6 FFF Vista Valley Fists CW Club 4444	KN6 FR ERIC 3965	W8 GAC JOHN 4043	WA3 GNV BRUCE 7878
K7 FFF FISTS Northwest 4400	W9 FRC JOHN 4747	K14 GAP JOE 11787	W1 GO TOM 3602
N5 FFF Red Stick FISTS 9250	WB6 FRZ JOHN 4298	W8 GAR DAVID 6170	W7 GO TONY 3354
VA2 FFF FISTS in Quebec 11125	AC4 FS HOWARD 11006	K4 GAW LUKE 6638	KC8 GOI DAN 4252
VA3 FFF Canadian Club 9325	AL7 FS JIM 4666	AB8 GB PHIL 8222	KC8 GOJ ROGER 3952
W1 FFF SW NH FISTS 11250	K0 FS FRED 9174	W7 GB DON 2108	KD7 GOV HARRY 6927
W4 FFF FISTS Club of North Carolina 9700	KD0 FS KEITH 12093	K3 GBB GEORGE 10448	W7 GOY LARRY 5635
W8 FFF Ohio Valley FISTS 7200	KG7 FS RICH 11121	K4 GBE MIKE 1911	A14 GP JIM 11388
W9 FFF FISTS of Illinois 6900	W8 FS LOWELL 5638	KD5 GBI AL 6671	K5 GP GENE 6643
WA6 FFF INLAND EMPIRE 6300	W9 FS JERRY 7326	KC9 GBX JEF 11399	KG4 GPG BUCK 8188
K14 FFF JERRY 12069	W8 FSA MARK 9424	NB6 GC USS HORNET 5600	K1 GPL JOE 11407
W9 FFU GLENN 8428	WB4 FSF BONNIE 2975	W1 GCA DAVE 2610	VE3 GPM PAUL 11634
K6 FFY NICK 8081	KE7 FSG Utah CW Operator's Club 12025	WA1 GCT ROGER 6841	KC8 GPR PAUL 4419
AB2 FG TOM 2174	VE2 FSK GUY 10504	AB2 GD RICK 3405	KG4 GPV Queen City CW 7350
AB5 FG DOUG 7470	K8 FST Fairborn FISTS 9200	AH6 GD TED 6902	W4 GPW PATRICK 11802
AD5 FG DAVID 8425	W7 FST Reno QRP Group 5900	W7 GDB DOUG 5751	AB8 GQ KENNETH 9176
K6 FGA Flour Garden ARC 11225	KG4 FSW CHARLEY 7337	K4 GDC WALT 11449	AL7 GQ GENO 1984
N9 FGC JAKE 4629	KE0 FT JOHN 11617	K1 GDH ED 3490	NP2 GQ GREG 1292
N3 FGO KEN 6172	K1 FTA CAROL 9169	W8 GDP JOHN 10712	WB9 GQB TOM 11608
WA0 FGV JIGGS 1286	WN8 FTC PAUL 8251	WA8 GDU TONY 11197	KD5 GRF CARL 8033
K3 FH FRED 9917	KF9 FU CARL 2362	KF0 GE EARL 4249	WA3 GRQ WALT 11414
KL7 FH FRANK 11715	W6 FU KEN 2193	N3 GE ANTHONY 11913	KB8 GSA CHRIS 8191
W7 FHO LOU 5810	K4 FUM JERE 9291	N4 GE JERRY 7266	KN2 GSJ GEORGE 1538
AC5 FI ED 1499	K4 FUN Stone River ARC 11100	N7 GEB GARY 11340	KA9 GSU GENE 10031
N4 FI DAN 9296	W3 FUD HUGH 5036	N4 GEL BUD 2417	W7 GST BOB 9159
KE4 FIG DANNY 8604	KB1 FUS JOE 8524	KC8 GEN RAY 10003	N2 GT STERLING 9960
KE5 FIT ROB 11984	KD4 FUS CURTIS 11650	W4 GEO GEO 2667	N8 GT GARY 11978
KF6 FIX DON 11016	KD5 FUY JIMMIE 9914	W3 GER GERRY 10139	W1 GTA LARRY 5644
WA3 FTY LEE 8243	N9 FV PAUL 9105	N2 GFF ANDREW 5157	W4 GTM KAREN 2407
KD5 FJE DOUG 5844	W6 FVI BRIAN 11624	AC5 GG LEE 2509	K6 GTP GEORGE 8708
KB2 FJH PAT 4321	N9 FVN HERB 5475	AD7 GG DAVE 11889	KC9 GTP BRENDA 11638
KB3 FJJ STEVE 10780	K4 FVN DON 11265	W6 GG BOB 2766	K1 GTS GREG 11812
	KC9 FVP CHRIS 11878	W4 GGM Maury ARC 5700	N7 GTW VERN 11430
	WD4 FVZ JEFFERSON 8817	KC0 GGN LINDA 6804	AB2 GU BRUNO 11299
	AF4 FW WARREN 6979	WB6 GGO DARR 9320	N8 GU BOB 10930
		K9 GHD SAM 8285	W1 GU MICHELLE 3438
			W1 GUE ED 7927

KB3 GUN BILL	11493		Electronics	KB3 HQH JOHN	10587	W7 IBC ALBERT	10039
KB8 GUN RAY	10103		Museum	WA0 HQQ AL	10049	KF4 IBU MARK	9973
N9 GUN TOM	7340	W1 HEO DEE	11640	KC0 HQU JOHN	8805	KB1 IBV DOUG	9313
WB8 GUS DON	11170	KI4 HEX THOMAS	11768	AG4 HR RAJAH	6655	W8 IBV ROBERT	8782
AA3 GV ERNIE	4401	AA4 HF HARVEY	6333	KB9 HR THOMAS	8497	W5 IBZ LOU	7257
K9 GV CURT	11995	K4 HF CHUCK	12099	KF8 HR BILL	11246	AI4 IC KAY-UWE	11779
KI7 GV MARK	11936	KF6 HFE BOB	11281	KK4 HR RAY	8430	K5 IC AUDIE	11195
W0 GV GERALD	1931	N0 HFF BILL	1239	VE3 HRC Heritage Amateur	7300	N0 IC NEMO	3550
W7 GVE ED	12077	W4 HFH Alexandria Radio	2963			KC2 ICA DAVE	10582
K6 GVG ROY	3026			KA9 HRO FRANK	9221	WA5 ICA MIKE	10405
N3 GW GEORGE	11098	WD5 HFI JAMES	4211	KB5 HRS PETE	1206	WA2 ICB MOE	9796
NX2 GW RICH	3342	K0 HFK BILL	4104	K9 HS KEVIN	4259	W1 ICC GIL	10637
W2 GW JOHN	11986	KA8 HFN LARRY	11631	VA6 HS HARVEY	9454	KA4 ICK MARK	11998
WA1 GWH GARRY	3846	KI4 HFQ Weiss Lake ARC	11200	KB1 HSA AL	9954	WA6 ICK BOB	9369
AG4 GX GERRY	9111	KB1 HFT GEORGE	11398	KG6 HSI ART	8874	WB8 ICN MIKE	7065
N4 GX ED	11486	KG9 HG CURTIS	11820	K2 HT DICK	11565	KC9 ICT ERIC	12010
VE9 GX LARRY	9458	WB1 HGA RON	10251	N0 HT Haney Vo-Tech	11220	W0 ICT South Heartland	11444
W9 GX GREGORIO	10019	WB6 HGJ GUY	9909			AR Contest Club	
KC5 GXC LAWRENCE	2032	N8 HGL BOB	10963	N2 HTA DAVE	8031	WB5 ICV LEON	7246
K5 GXG RAY	8786	KG4 HGP THOMAS	10001	W2 HTI ED	9186	K0 ICW DICK	4116
KA0 GXK BERNIE	8725	N6 HGT LEE	7694	K2 HTX CG	5727	KB7 ID LEE	7976
KG6 GXS RICH	8420	WA3 HGT HERB	10685	W4 HU JOHN	3166	W1 IDE JACK	9265
VE3 GXU WC	3092	K0 HHB TOM	3441	WB4 HUL SIDNEY	3540	W9 IDE W. Indiana Digital	2955
W5 GXV GENE	11347	KC8 HHH BEN	3390	VE3 HUR DON	11349	KI4 IDK RICH	11585
KC0 GXX TOM	7376	WA1 HHK STEVE	7391	KD7 HV HAM	4952	N1 IDX NATE	11826
K4 GY BILL	7646	WD0 HHK LARRY	10152	KG9 HV JOHN	1750	KO6 IE MIKE	8726
KG0 GY BRAD	9706	K5 HHS ROGER	10659	W6 HV TROY	6847	N8 IE DANIEL	4985
WB5 GYB JERRY	11116	KH6 HHS TALLEY	9579	W1 HVC HARRY	8579	WD8 IEL Chelsea ARC	11395
W1 GYF NICK	9167	K7 HIL MICHAEL	10353	KG4 HVQ DAVID	11552	KB5 IEU CHARLES	2051
WA3 GYW FRANK	10795	N1 HIY TOM	8750	KB9 HVV DONALD	4931	KO6 IF CAL	10737
KD3 GZ DEREK	9195	AD6 HJ CARL	5869	KD7 HVZ LAURENCE	11915	KA4 IFF ESTHER	0011
W6 GZ HENRY	11190	N0 HJ JOHN	3184	N6 HW BRIAN	6320	KB3 IFK ANDREW	9938
AC0 H KEVIN	11993	KC0 HJA DAVE	11652	W2 HW CHET	1278	WB2 IFS JESSE	10351
AC4 H BOB	4362	K8 HJI BOB	11182	N1 HWQ CHRIS	11890	KI4 IGH AARON	11377
AF9 H PATTI	1785	WA3 HJJ MIKE	11283	W7 HWR DENIS	4689	KC5 IKG KENNETH	4345
NU2 H KAY	2424	KB3 HJQ CHUCK	9522	N7 HWW ERIC	10612	N7 IKG DON	9278
NP4 H NOMAR	8253	W9 HJW STEVE	4245	W9 HXM DICK	11843	AA7 IH RAY	7558
NS2 H DICK	2508	K4 HJZ BRAD	12090	K5 HY JIM	11702	N8 IH WAYNE	1243
NU3 H DON	11698	K5 HK CARL	7546	K7 HY JOHN	10998	W5 IH BOBBY	12005
WR2 H BOB	9144	N8 HKI BILL	7524	K2 HYD RAY	10980	KB3 IHC T.J.	10069
WU3 H MIKE	8591	K4 HKK JAMES	10122	W1 HYM KENT	11686	KB1 IHO JOHN	11064
WX7 H STAN	10206	KD5 HKP DEB	6548	K9 HYW FRANK	7466	AA3 II JERRY	9746
KE8 HA DAVE	7638	K4 HL LES	3081	KG4 HYW TOM	10588	AI4 II DWIGHT	10501
KG2 HA SAMUEL	6952	KE5 HL CLAY	8002	N9 HZ BRENT	10067	W8 III DAVE	5058
KB3 HAA HAL	10231	W3 HL HERB	3861	W5 HZA PETER	11969	KG6 IIP RANDEL	8575
N7 HAE JOE	11360	KC2 HLC JOE	11697	W4 HZD WILLARD	2673	N5 IIT TIM	8736
KG6 HAF WARD	9407	KC9 HLC JENS	11492	KE4 HZM RICHARD	1554	W0 IIT BART	5819
W4 HAY FRANK	7845	N3 HLM MIKE	1480	W3 HZW Kent County ARC	2512	K8 IJ CHAS	8096
K0 HB HANS	7419	W9 HLX PAUL	7395	WB3 HZZ ERNEST	11901	W8 LJ DAVE	3825
KB1 HBC WALT	8546	KC2 HMM ALEX	8443	AE8 I KEN	1913	KC6 LJE TIM	3357
WD9 HBC JIM	11748	K2 HMN ALFRED	10038	KB3 I IRA	11765	KA3 LJO JIM	6636
KE4 HBE PAUL	1923	AD7 HN MIKE	11873	KE4 I DENNIS	9345	KI4 LJW STEVE	11489
WB1 HBE JOHN	2061	KD1 HN BILL	11656	KG5 I LARRY	11192	K0 IK BRIAN	7827
K8 HBI CHAS	5772	N8 HN STAN	9457	KM5 I FRANK	9271	K1 IK ALBERT	11189
W7 HBO JOHN	11252	WA2 HNA DICK	6722	KQ0 I MARK	5745	KG2 IK ROBERT	7576
WA3 HBT BOB	7034	W7 HNK JOE	11717	KQ2 I TONY	11772	N0 IK LEE	8562
K7 HC CLAY	12085	AA1 HO ARTHUR	1283	KR3 I GENE	9559	N8 IK IAN	8232
N0 HC CLIFF	11941	K1 HO ERNIE	10341	NI0 I TOM	7369	W7 IKD JP	10592
VE7 HCA JR	5642	VO1 HO DARRYL	7386	NU4 I KEN	10641	N3 IKO GEORGE	11676
KC7 HCR TYE	5860	KB3 HOB CHARLIE	11513	NV6 I JOHN	12107	VE3 IKS PAUL	3334
AD7 HD LOU	7318	N1 HOG BOB	3142	WI1 I BERNIE	8860	W9 IL LOU	11187
K7 HDB DICK	10995	W7 HOP REID	8434	WZ9 I JOHN	10164	W9 ILF IVIN	11745
WA7 HDI JOE	11421	KQ4 HOQ DIANE	11588	AB7 IA ROBERT	2539	WA4 ILO JAMES	7325
KA2 HDO HORACE	8169	KE4 HOS RAY	2028	K4 IA BUCK	6702	KH6 ILR ALLAN	10438
KF6 HDQ BEV	4162	W0 HPD JIM	3915	W5 IA BILL	8890	KG6 ILU PHIL	10745
KB1 HDW DAVE	9963	W1 HPH BILL	9138	XE2 IA PACO	6951	N4 ILV DENNIS	10189
W2 HDW EDWARD	4396	KB3 HPK ROBERT	9736	KE4 IAF DAVE	5147	K9 IM 9-0-4 Am. Radio	8100
KB1 HDX NOAH	9964	W6 HPK STEVE	4905	KF6 IAS GORDON	11569	W8 IM DEAN	11267
AB9 HE BRENT	1507	KC8 HPO VERN	10083	W4 IAS WALLACE	4424	W9 IM LES	5029
KH6 HE ALEX	7423	WB2 HPR STEVE	11921	KG4 LAV VIN	8001	KB9 IMI KEN	5123
KS4 HE STEVE	8839	K3 HPS JOHN	11687	K7 IB HARRY	3255	KG4 IMI MIKE	9377
W0 HED DON	5050	LW1 HPT PAUL (G4WQO)	5518	KK5 IB DARRYL	2416	N2 IMO EDWIN	4091
WB2 HEK BART	3348	AA0 HQ TOM	1548	W2 IB DOC	9708	KA8 IMZ MICHAEL	10107
W3 HEM Historical	9275	W5 HQ GARY	6566	W7 IB CASEY	9758	AB9 IN TOM	10607

KR4 IN PAUL 7659	W3 IYQ E.L. "Doc" Sielke 8500	KF4 JG GRIF 11642	KB4 JR BERNIE 3501
N4 IN DAVID 2103		N8 JG JAMES 4106	W0 JRC JOHN 8442
W9 INA DOC 10919	KF4 IZE WILL 5381	KB1 JGA JERRY 9740	N6 JRL DON 2470
K6 INM JACK 11191	W7 IZE JOE 5437	W3 JGS JOHN 8691	K8 JRO JERRY 11167
W7 INO TIM 11455	KC2 IZM RALPH 9103	AC5 JH TOM 2507	KF4 JRO BOB 3079
KA9 INV SAL 11422	W5 IZO JOHN 10309	K5 JH JIMMY 5384	KA8 JRV WAYNE 10684
AB9 IO TONY 11778	K4 IZQ MELVIN 6934	W5 JH JERRY 11619	KA5 JRX ROBERT 11874
W4 IO DAN 11176	KF4 IZS JOHN 11601	W8 JHA BOB 10782	AD6 JS FRITZ 5193
KC2 IOD FRED 11314	AB5 J FRANK 5816	W6 JHB JIM 3159	KT6 JS JACK 11923
KB2 ION LEONARD 6152	AE3 J BILL 11725	KB1 JHF JOHN 11487	KW4 JS JOHN 8041
KB2 IOO JACK 4704	AG0 J GARY 4755	K7 JHM JOHN 8017	WA1 JSD DAVID 8478
VE7 IOQ BOB 8426	AJ1 J JOE 10288	K9 JHM JOE 10472	W2 JSF ROBERT 3855
N5 IOT BOB 9586	KD1 J KEVIN 6864	KH6 JHM PAC R.A.T.S. 11491	KA7 JSJ CHARLES 6193
KC0 IOX ERIC 9324	K10 J AL 11905		WB6 JSN STANLEY 10126
W8 IPN IVAN 9130	KY6 J MIKE 11330	KC2 JHP TIM 9240	K6 JSS ARCI-QRP 12000
W7 IPU HARLAN 7335	KZ5 J PATRICK 8746	W6 JHQ TOM 10028	KD5 JSS DENNIS 8016
W3 IPX JOHN 6894	NF0 J DAVE 8620	W4 JHR JOE 11999	K7 JSW JOHN 5067
AA0 IQ CLAUDE 1211	NT3 J TED 10986	W7 JHS MAC 9745	W8 JSY CHRIS 11933
K8 IQ GARY 11315	NU2 J MARC 11310	K3 JHT JOHN 6810	N0 JT JOHN 6611
K9 IQ JOHN 2524	WF2 J JOSEPH 11720	K2 JHU JOHN 8637	W8 JT SCOTT 2561
KA0 IQT JIM 1241	WR5 J CURT 10390	KR4 JI LOUIE 10714	N8 JTE DEL 2426
AA7 IR RICHARD 8651	WX9 J JIM 6364	W8 JI TOM 6969	W4 JTV BERT 1999
K4 IR LARRY 8454	K2 JA JEAN (listed by JA 9836 callsigns also)	K4 JIF MITCH 7285	WA9 JTV KENNETH 10374
KK8 IR JIM 7506		W5 JIF TRAVIS 11226	N6 JUG JIM 5416
KK7 IR STEPHEN 7557	N4 JAH JOE 11834	KD6 JII CHUCK 11598	W6 JUS BILL 4742
K0 IRA IRA 7652	KB3 JAJ BILL 11935	N9 JIY MIKE 1282	K4 JUZ MAINES 7984
W4 IRE JOHN 1906	KC2 JAJ JOHN 9985	AA5 JJ WAYNE 5830	W8 JUZ LAURA 11669
W7 IRK LOUIS 10703	K7 JAL JOE 11973	K5 JJ JOHN 11806	AA4 JV JOE 11419
K4 IRS ART 11043	N4 JAM STEVE 11823	N2 JJE GEORGE 8571	K8 JV JIM 2372
W2 IRU HANK 10148	KF6 JAO JACQUI 2330	N2 JJF DENIS 10441	KB1 JV PATRICK 8595
K0 IS LARRY 11859	KB3 JAR RAY 10486	K0 JJH JOHN 10063	VO1 JVA VERN 8186
KH6 IS Iolani School Club 11490	W9 JAT CLYDE (ve3ksa) 10778	WA4 JJH RHADAN 1018	KB3 JVC DIANE 11433
W9 ISC JOHN 3340	K5 JAZ JIM 2058	WB4 JJJ ALAN 2433	A14 JW JASON 10948
KD7 ISE PATRICK 8193	AB0 JB DONALD 7597	WB3 JJK TOM 3127	K0 JW STEVE 3344
WD5 ISI DAVE 10909	N7 JB JIM 10265	WA3 JJT STEVE 11026	K6 JW JEFF 7538
W7 IST JUSTIN 11097	P43 JB JOOP 5559	N8 JK JOHN 5034	N3 JW MIKE 10638
KE9 IT /5 DC 5013	N4 JBB John Bruce 4571	KC0 JKD JAMES 8481	KD5 JWC DAVE 7426
KG0 IT BILL 3341		KC2 JKU TERRY 11532	K9 JWI CLYDE 3051
W4 IT STEVE 11887		N5 JKY MIKE 2626	N1 JX ARNOLD 11985
WD3 IT JIM 10734	WA8 JBG ED 10427	K0 JL JIM 7622	AD6 JY DAN 6992
KC8 ITC DAVE 8465	KG4 JBJ MARIA 8875	W5 JLP JOHANNA 5169	N8 JY JOHN 11311
W2 ITD JAY 11659	W5 JBV MIKE 10738	W8 JLT JOHN 11494	W4 JY PAUL 11392
KC8 ITN SCOTT 9928	NH6 JC MITCH 8141	K9 JM JAMES 11661	K5 JYD LARRY 4733
N1 ITW DICK 1492	W5 JC JAMES 10906	KG2 JM JERRY 1904	K2 JYK HAL 1776
AD6 IU DICK 2643	WV2 JC JOHN 2094	W5 JMW JOHN 10939	KK5 JZ LOWELL 3299
K4 IU FRED 7514	N5 JCB WALT 10298	VE3 JMY MURRAY 3523	N9 JZ JIM 11055
W0 IU TONY 11967	WA2 JCP MARTIN 10177	AD6 JN BOB 6963	KE6 JZF TONY 9589
WA4 IUC PAUL 7040	W5 JCS JIM 11456	K8 JN FRANK 3644	KB4 JZG BRIAN 9489
K9 IUL JIM 10982	KA7 JCT PHYLLIS 9498	KD8 JN RANDY 2543	K14 JZR BILL 11595
K3 IUO BUD 4267	W3 JCT JOHN 11439	KC8 JNK COLLEEN 6236	W7 JZZ BOB 4442
KG4 IUQ MARK 11481	AF4 JD RALPH 4900	KC8 JNL PAT 6237	AC2 K ALAN 8063
N6 IV MARK 4056	K8 JD JOHN 3853	WA8 JNM DAVID 11169	AH6 K DAVE 7084
N9 IV RUSS 9233	W7 JD South Tacoma 10525	W8 JNO BRUCE 10968	AK5 K BILL 10647
W9 IV MAC 11240		K5 JNX GARY 6962	KF0 K TOM 8513
W8 IVF GARY 9201	K9 JDC GEORGE 6155	WB6 JNY JOHN 10188	KQ6 K EDDIE 11201
W3 IVH DOUG 7387	N1 JDP ROD 2052	W8 JNZ CLAY 9562	KQ7 K TERRY 9396
KC2 IVT HOMER 12036	VE3 JDR DAVE (va3rj) 6196	KB5 JO CURT 12059	KT3 K JOHN 10758
WA3 IVX GREG 9404	W6 JDT BILL 5872	N9 JO JIM 8861	KW5 K WALT 11976
N3 IW CHIP 7073	K8 JE JAMES 11258	KD7 JOB Erimon Amateur 7800	NA8 K MIKE 11386
WD5 IWN SAM 10352	K6 JEB JACK 11982		NN9 K PETER 2047
K2 IWQ CHARLES 11626	W6 JEB JOHN 3057	WD8 JOL PARKER 3043	NT9 K BILL 12063
KA7 IWX BRIAN 4958	KB1 JEC DOUG 10286	KD5 JOM ROBERT 7459	WD0 K DICK 3380
AB9 IX JOHN 10952	K3 JEH JACK 10354	W0 JOV STEVE 10497	WD3 K BILL 11735
K6 IX SCOTT 7669	K0 JEM JOEL 9467	K8 JP JOE (V31JP) 7625	WG9 K JOHN 10642
KG8 IX WILLIAM 5261	W6 JEO CARL 5831	KL1 JP DAN 11766	WI8 K DIANE 5053
W2 IX FRANK 3335	W6 JEP MARIE 2007	V31 JP JOE (K8JP) 7625	WR7 K GUY 11951
W8 IX DIT 10964	W0 JER Magic City QRP 11975	K4 JPF PAT 8277	WS1 K JERRY 3291
N5 IXA RANDY 10678	KC5 JEV ERIC (7J1AYH) 1441	K14 JPF TIM 11817	WY5 K WILL 11322
KA3 IXF BILL 8547	KD3 JF PAUL 11960	K8 JPM BOB 2997	WZ8 K JIM 10546
K0 IXH LEROY 10233	W8 JFB JIM 9761	VA3 JPM JIM 3827	K1 KAR HERBERT 5908
WB0 IXV DAVE 12082	KA6 JFF APPLE 9912	W8 JPM JIM 7915	K4 KB JORGE 8441
N8 IY SAM 10146	N7 JFQ ROY 7348	K14 JQP MEL 11699	N3 KB KENT 10760
KC4 IYD NANCY 4533	W0 JFR JOHN 11827	W9 JQT BOB 9570	N6 KB KEN 7234
KB3 IYM CRAIG 9998	KD7 JG JOE 5895	KA4 JQZ FRANK 10644	KB3 KBC DICK 10565

KC8 KBD RAY	5255	W3 KLJ BILL	9228	K3 KYR JEFF	5477	Amateur Radio Cl.	
K7 KBS GEOFF	8665	VE3 KLM FRANK	3232	N2 KZ KARL	8568	W0 LGU TOM	8819
W3 KBS BILL	10784	K4 KIQ DENNIS	8145	WA9 KZF FRED	12072	K8 LGY BRUCE	10991
KB2 KBY DAVID	4948	K9 KLR NICK	9129	N6 KZN NORM	6285	KL7 LH LUCY	9514
KP4 KC PEDRO	11302	K10 KM BOB	2141	N8 KZN CHUCK	0919	KA7 LHE JIM	11914
N8 KC KEN	1556	N7 KM KEN	11338	AD8 L ROBERT	3873	W9 LHG JOHN	9565
N4 KCJ DANNY	4275	KC9 KMA JOAN	11499	AE2 L JOSH	1912	K6 LHU OSCAR	4483
KD7 KD AL	11819	WA7 KMA RICH	10976	AG1 L MARV	6654	KE4 LIA GERALD	2143
W4 KDI DAVID	11868	N7 KMF KELLY	11473	A19 L JESS	1772	K9 LIR JOHN	5882
KA2 KDJ GARY	1792	KC2 KMI PETER	12004	KA7 L DON	10579	KC2 LIX WILLIAM	11685
W5 KDJ WAYNE	10060	W9 KMP KEN	4626	KN5 L JOHN	10446	W6 LIX MOREL	10529
WA4 KDO ALAN	11498	AA0 KN MARY	3183	KQ9 L RICH	10193	VA5 LIZ LIZ	9933
N7 KE Redmond Top Key	11800	W6 KN KEVIN	3089	NA9 L VERNON	7025	KG6 LJ ALICIA	10133
Contest Club		K4 KNO JOHN	10974	NP2 L MAL	9718	NY2 LJ LONNIE	11405
W8 KEB KEN	3014	WN5 KNY BILLY	10211	NX8 L GARY	4270	W2 LJ LARRY	1469
WA4 KER HOWARD	3961	K4 KO GREG	10584	WG1 L JAMES	5491	W8 LJ DON	6930
K0 KES JOE	11798	KB1 KOU TOM	11172	WJ2 L BILL	3493	K8 LJG JOHN	1460
N5 KEV KEVIN	11320	W5 KP JERRY	5348	WO8 L RICHARD	2188	WB2 LJG NATE	2039
VA3 KEW KEN	1924	W4 KPG ERIC	10774	WQ4 L JOHN	10420	KC8 LJN CHRIS	7345
N0 KEY RYAN	8174	K8 KQ RALPH	2180	WS0 L JESS	2928	W5 LJT WILLIAM	7598
VE7 KEY FRANK	5272	W3 KQ RICK	4607	WS1 L CHUCK	10661	K8 LJU FRED	11681
AA1 KF JOE	1734	KD7 KQD DAVID	8766	WZ4 L WOODY	8556	AB7 LK GARY	1596
K6 KF JUN (jmljot)	9117	WB2 KQG VINNIE	5452	AB2 LA JOE	9386	W7 LKG RICK	10567
KE1 KF STEVE	8288	WB8 KQJ KEN	1907	AC5 LA HARRY	10704	N7 LKL DAVE	11927
KK4 KF BILL	2390	WB0 KRI RON	11942	VQ9 LA LARRY	11671	W2 LKT DOM	4578
N5 KF BOB	5465	VE2 KRM GERY (kdb6fcw)	5338	K5 LAC BILL	11943	W8 LKY ALLIANCE ARC	6360
WA7 KFC JOHN	10011	KB3 KRN TOM	10761	WA1 LAD GIL	3492	K10 LL DEAN	4157
K8 KFJ GARIE	1732	N3 KRX JERRY	6341	KA2 LAE SEYMOUR	3661	KB0 LLO ERIC	11722
WA0 KFP LARRY	9545	AA1 KS RICK	8159	W6 LAX ROGER	3910	KG4 LLQ KEN	10360
KA5 KFS DON	11930	VE3 KSA CLYDE (w9jat)	10778	K7 LAY BOB	12056	KB1 LLY SAM	11894
KA8 KFS ROBERT	8486	W0 KSD JIM	7228	K2 LAZ LAZARO	8427	KB0 LLZ BUDD	2053
W6 KFW CHRIS	12019	K6 KSG RICHARD	8589	K7 LAZ HARRY	10047	N6 LM LARRY	6252
KB9 KFZ WALT	2567	WA8 KSS RALPH	1417	KJ7 LB PAUL	2453	N4 LMI EWAN	10702
WA6 KGB JIM	8151	K14 KSW JOHN	12114	KD4 LBJ HARRY	4731	K2 LML BILL	5974
K0 KGS BILL	4120	K0 KTG KATIE	5388	WB0 LBL CASH	8147	W0 LMS RUSS	11271
K14 KGU JAMES	11989	K4 KTH TOM	6999	KB5 LBN LOUISA	5214	WB2 LMV GLENN	2724
KG4 KGW BRIAN	11871	KA5 KTI SCOTT	8626	W8 LBO TIMOTHY	11838	AD4 LN STUART	7802
K0 KGY RON	9398	KC0 KTQ JEFF	9326	KB1 LBP HERB	11231	N1 LN BRUCE	3525
KG4 KGY TOM	8885	K1 KU DARREL	5173	K5 LBX DAN	10643	K9 LNX GARY	7509
AA9 KH JAY	2377	KD6 KUV JOE	11578	KE6 LBX DAN	5175	KG2 LO ROLAND	2980
AB4 KH BILL	11855	W4 KUZ KUZ	4537	K0 LC LOUIS	10498	W8 LOG PETE	8681
A14 KH RON	10368	AA5 KV JOHN	9775	KM4 LC MARK	6601	W6 LOH JACK	7645
KH6 KH Honolulu Chapter	11750	AD5 KV M.J.	6389	K9 LCK JIM	5473	WB2 LOS MIKE	6178
206, QCWA		KU4 KV DOUG	7611	KB1 LCK HELZER	11034	K3 LOW HANK	8616
N5 KH BEN	7662	KV8 KV ROY	9560	AF4 LD GARY	7653	K7 LOW QRPACIFIC QRP	7825
K7 KHC KEVIN	8754	N4 KV JOHN	11918	N4 LD LEW	7828	AB8 LP ART	9175
W4 KHC BILL	5903	N8 KV ROGER	2947	W9 LD DAVE	6764	KG6 LPP DANIEL	11825
N3 KHK JOHN	5015	W9 KV JIM	10055	W4 LDA ROGER	10590	K6 LQ MIKE	4445
VE6 KIB TED	4796	N4 KVA HORACE	2408	KG4 LDD STEVE	10080	W0 LQ RALPH	4547
K1 KID CARL	7882	KC0 KVD JOHN	10387	WA6 LDI PHIL	11657	W8 LQ CHUCK	1477
K2 KID JAMIE	7009	KD6 KVE ERNIE	5389	KH6 LDO BOB	11785	N3 LQQ RON	8834
WB4 KIJ LARRY	9507	KB1 KVQ GREG	11737	WW7 LDS DENNIS	7283	W7 LR BOB	10927
N5 KIP DICK	8653	N5 KWB TOM	11348	KG4 LDY JIM	8104	W8 LRD HOWARD	11461
K8 KIR BUD	5962	W8 KWR DON	10960	W5 LEA TOM	10302	K2 LRE MIKE	7281
W8 KIU EARL	8873	W0 KWU JIM	10254	N9 LEC JIM	3063	K6 LRF LEN	11767
K4 KIX FRED	10432	K6 KX FRED	7258	PY2 LEC LUIS	8326	N8 LRF RAY	11677
K7 KJ GREG	8686	N7 KX BOB	3046	W1 LEC LARRY	4471	KD4 LRP BOB	3455
N4 KJ ROB	11751	VE4 KX RALPH (ve7xf)	7492	WA5 LED RICHARD	10624	KF4 LRV NICHOLE	6220
W2 KJ JOE	6276	W7 KXB BILL	9577	KD7 LEE DANIEL	10762	AA9 LS JIM	2198
K7 KJC KEVIN	11329	WN1 KXB JOHN	8536	W6 LEE LEE	0739	K7 LS ELDON	11209
VE6 KJL KEN	2167	WA2 KXE ARTIE	11259	KB8 LEF JOE	4651	KK4 LS EUGENE	4736
K0 KJS MIKE	9219	K4 KXO KEN	10253	K8 LEN PATRICK	1494	W4 LSC DON	11870
K2 KK FRAN	7696	KB3 KXO LARRY	11344	W3 LEN LEN	1043	KC2 LSD CODY	11793
K7 KK JIM	11015	W8 KXO EMIL	10051	W9 LEN CHUCK	7692	KB9 LSH RON	4004
W8 KKI TOM	3949	N2 KXS JUDY	11605	KB0 LF FRED	5097	K6 LSJ STEVE	12097
KC0 KKN STEVE	8290	KA5 KXW KEN	11764	KE8 LF LARRY	2606	W8 LSV BUD	11371
KB1 KKP MARV	11215	K7 KY JON	10186	KB8 LFA JEREMY	3065	KG4 LTB AUBRIANNA	9274
KE4 KKR ED	4282	K0 KY STEVE	10531	W6 LFB JIM	8597	K7 LTC BART	8856
KB3 KKY JACK	11394	N0 KYB STEVE	5107	KB3 LFC TOM	11228	KB3 LTG SYDNEY	12088
WB8 KKY JAN	11906	W8 KYD RON	10121	VE3 LFN DARYLL	11273	VE3 LTQ Little Thunder AR	10325
KJ7 KL PEN	8704	K1 KYI RICK	7259	KB9 LFR BOB	2464	N9 LTT MIKE	1032
W5 KL Leland Smith	6780	KB3 KYN ALAN	11675	K7 LG LARRY	7483	W8 LTX TOM	8683
Memorial Club		KC8 KYP BARB	6377	N1 LG LETIA	6154	KK5 LU KING	11770
WB2 KLA SAM	12030	N9 KYP /S DAVID	7863	K8 LGN Hocking Valley	10225	N2 LU LEWIS	11952

W9 LUO MARILYN	11833	WD8 MGO FRED	4061	N3 MRA SETH	8654	AF4 NC TOM	1741
VA3 LV JIM	9168	AB7 MH DAVID	2498	N8 MRB JEFF	11651	K5 NC WALDEMAR	3356
W4 LVP BILL	3247	AD5 MH DAVID	10409	W7 MRC Maltby Radio Club	11925	W8 NCK Sandusky Valley	8200
K0 LVR COOP	12002	K2 MH GEORGE	11214	K3 MRG TOM	11556	ARC	
K4 LW BOB	8034	N1 MHC AL	1272	N9 MRG GENE	10962	WA2 NCT RICHARD	8022
KD5 LWA JANE	10488	W5 MHL JAMES	7072	N7 MRI GW	7209	KF6 NCX LARRY	10569
KB4 LWS DIANE	5651	KA2 MHS FITZROY	11729	K7 MRK MICHELLE	11544	KB9 NCY ROBERT	4131
K0 LWV LARRY	2589	WD8 MHT RAUL	5121	K4 MRL GARY	7618	K0 ND Theodore	6100
W8 LXC HARRY	7579	W0 MHZ FRANK	6703	N8 MRX RICHARD	9204	Roosevelt ARC	
K14 LXM PATRICK	12032	AA8 MI GENE	0914	K4 MSM CHARLES	11298	W7 ND FRANK	8892
N4 LYQ JIM	11251	K8 MIC MICK	11193	W9 MSN DAVID	1263	W2 NDP DAN	12054
W1 LYQ C.J.	11696	K9 MIF WAYNE	4243	W5 MSQ Houston QRP Club	11025	N1 NDX STEVE	7288
K8 LYR JOHN	2312	K2 MIG ED	10697	K4 MST SYKES	10224	KU4 NE JEP	3967
K5 LYT ROBERT	11301	WB9 MII GREG	3347	K0 MT JERRY	6127	N5 NE BOB	7397
N7 LYV JIM	8139	KC2 MIL RICH	10904	N1 MT MARK	4652	W2 NED NED	6908
AE4 LZ JOHN	8177	N4 MIO DWAYNE	11356	W3 MT MOE	10149	N7 NET SCOTT	8879
KG9 LZ THOMAS	5769	KB1 MJ PAUL	5763	KC0 MTC DAVE	9483	WB5 NET Southeast	10275
W0 LZ WIN	11289	KC2 MJE DOUG	11587	W6 MTC Morse Telegraph	10350	Louisiana ARC	
W2 LZ Walton Radio	9100	KD5 MJJ HANK	8180	AA1 MU CRIS	1928	AC5 NF STEPHANIE	3445
Association		W2 MJN MICHAEL	10165	AB2 MU TONY	7282	N5 NF WATT	2559
WA7 LZI HANK	11752	W2 MJP JERRY	4034	K5 MU JAMES	7315	AA4 NG FRED	5280
AE8 M JOHN	7580	KC2 MJT NATHAN	12044	WA2 MUX JIM	11516	N1 NGM NORMAN	1273
KC0 M LARRY	2528	W4 MJT FURMAN	8647	KG2 MV ALAN	4692	K3 NGN DAVE	11704
KH7 M JIM	4563	K3 MJW Skyview Radio	11625	N8 MV MATT	8569	W3 NGO RICHARD	4016
KR4 M BOB	8553	Society		W8 MVN ERNEST	1527	N4 NHK ARCHIE	8451
KS0 M DICK	3067	N1 MKE GEORGE	3121	N9 MVO BOB	8246	VE7 NI JOHN	7935
KV2 M MARY	10349	W8 MKR JAMES	11977	WP4 MVP RAMON	11824	W2 NI JOHN	11649
NA8 M JOHN	10466	K4 MKS KENT	11732	KA5 MVV JACK	9948	K4 NIC LEONARD	4653
NC7 M MARC	10062	WB8 MKV DOUG	11488	W4 MVZ Working Class	7600	K1 NIE DICK	1215
NK8 M FRED	6631	KC1 ML MARK	10293	Telegraphy		N4 NIE CLYDE	5627
NN5 M TOM	10324	XE2 ML MARTIN	11939	K7 MW RICK	7933	W4 NJK CHARLIE	0908
NO7 M AL	8485	K4 MLJ BILL	8128	K8 MW RICHARD	9183	KG4 NJT RON	8645
NU1 M DAN	1722	K1 MLP MARK	10457	N5 MW MIKE	6698	W7 NJU LARRY	6168
WG6 M AL	4669	W2 MLS MIKE	11641	KC2 MWJ TONY	12012	KF4 NJY BOB	8507
WN1 M MIKE	9757	KC8 MLY CAL	8707	WB5 MWL BOB	12045	W3 NJZ FRED	10202
WX7 M PAT	2493	N0 MLZ AARON	11777	K7 MWP MARGARET	10540	W7 NK JACK	6750
WZ3 M MARILYN	3817	KB5 MM JOE	10791	WA3 MWR GEORGE	8893	KC8 NKA RICH	9119
AB8 MA BOB	5095	KE2 MM ED	11749	KD2 MX PAUL	12042	WB5 NKC ARLEY	1986
AG4 MA JIM	11920	KB8 MMA YVONNE	3461	W6 MX PAUL	11813	WB5 NKD PAT	1987
NA4 MA TOM	4018	N5 MMB FRANK	3844	W0 MXJ RUSSEL	7273	N6 NKO RICHARD	10086
W4 MA BILL	2623	K6 MMC MICHAEL	9126	KG6 MXO JOHN	9961	W6 NKR MARION	3295
W5 MAI DARYL	10713	VE7 MMH MIKE	4773	AF4 MY JOHN	7079	W9 NLA MAC	3610
W9 MAL MAL	4161	KB3 MMI MIKE	11795	K0 MY MIKE	10506	N8 NLE JIM	1756
VE1 MAM MARK	6213	VA2 MMJ MARCEL	6906	KD5 MY PAUL	9362	KC2 NLG STEPHEN	11971
K0 MAX MAX	9134	KB2 MMO MIKE	3228	N6 MY RAY	6507	K8 NLL JOHN	11958
K7 MBB MICHAEL	11911	W4 MMR MARK	10541	W4 MY MARTY	10945	K5 NLR RAY	10357
WB0 MBI JERRY	9321	K2 MMT PETER	8502	KC0 MZM HARRY	11760	KB7 NLW RANDY	7284
WA0 MBK BILL	11391	KG4 MMY GREG	8646	N9 MZP WALT	6950	K7 NM LEE	8233
K1 MBX ROGER	4564	W7 MN WALTER	8205	WA9 MZZ DAVID	9284	N9 NM BARB	4532
K6 MBY BOB	11459	N0 MNO DAVE	9994	KB1 N JERRY	2582	W1 NMF BOB	8588
WA6 MBZ MICHAEL	5262	KD5 MNT TOM	10219	KB7 N MARK	11533	WB8 NMK RON	4264
KC4 MC JAMES	9076	N2 MO Ocean Monmouth	11400	KM1 N BILL	10756	W4 NML BILL	9726
W7 MCC WILLIAM	10278	ARC		KZ7 N IAN	10706	WP4 NMO ANGEL	7344
KC7 MCE DAVID	8739	W2 MO Madison-Oneida	8250	NU3 N CHARLIE	2756	KG4 NMR STEVE	10564
KD5 MCP JOHN	11410	County Club		NU4 N DAVE	2115	N9 NMW VALERIE	10470
K3 MD JOHN	5897	K7 MOA KEY	2456	NW3 N RICHARD	2504	AG4 NN LARRY	12027
K5 MDD JOHN	1957	KC0 MOB PAT	9554	WE9 N JOHN	8069	KQ6 NN THOMAS	5476
N1 ME Pine State ARC	10725	N7 MOH HERB	9976	WR9 N DOUG	9351	W9 NN BETTY	11458
N7 ME TIM	7304	WB8 MON DAVE	10532	WY6 N CLARENCE	7916	WP4 NNE Tornado ARC	10475
WB4 MED JOHN	10516	K7 MOS CHUCK	5115	AA9 NA LYNN	3349	KA5 NNG MIKE	11484
K8 MEG RICH	1790	WA5 MOT OSCAR	10568	K8 NA TED	1415	K0 NNN ZED	7360
W8 MEG HELENE	2990	W4 MOW JERE	9226	KK5 NA JOE	3517	KG4 NNN DOUG	8684
K2 MEN DON	11067	W1 MOZ BOB	4041	K7 NAA JENNIFER	11359	AA4 NO BILL	1729
K6 MES MATT	3371	AB7 MP MARK	9582	KB3 NAF DON	12067	KB1 NO JOHN	11707
KC8 MFF ROBERT	11781	W1 MP LINDA	3847	W2 NAF NATE	11828	K6 NOF AL	2956
N6 MFH JOHN	8580	W0 MPR GREGG	8584	WA2 NAF FRANK	2431	KD6 NOF BUD	2321
N8 MFN RICK	11412	KA8 MPT JOHN	9552	N6 NAX DONALD	8884	W8 NOT KEN	1476
VE3 MFN RICHARD	6922	WA5 MPW EVELYN	8772	VE1 NB BRUCE	8659	WA6 NPC BILL	9141
W0 MFQ TOM	12009	KD6 MPY SEAN	10280	KF4 NBG JIM	10535	KA7 NPI TOM	10755
N8 MFY HAL	2473	K3 MQ BOB	11194	KG4 NBI CHRIS	10586	K2 NPN PHIL	1988
AE4 MG BARBARA	2018	W4 MQB JOHN	10768	KC7 NBM PAUL	2334	WA2 NPP Rutgers Univ. AR	8150
N8 MG MARTY	1760	K4 MQM BARNEY	5253	W4 NBS TOM	6121	AB7 NQ DAN	11185
K4 MGA MARK	6942	N1 MR MARK	4212	KA9 NBU TOM	8882	KR4 NQ RANDY	8283
K6 MGO BILL	9253	N8 MR MICHAEL	3877	AB6 NC BOB	11171	W5 NQ DOUG	2100

WB0 NQM RICK	10510	NE1 OB GREG	11009	KA8 OQF CHARLIE	1478	W0 PC RICK	7263
N0 NQP BOB	7251	W7 OB BYRON	5795	K9 OR RANDY	10932	WS3 PC WAYNE	11268
KJ7 NR STEVE	1530	KC2 OBS JANE	11706	K4 ORD RILEY	4272	K5 PCA PERRY	11102
W6 NR NORMAN	5074	KC0 OBU DAN	9460	K8 ORD KENNETH	10796	KB0 PCI WAYNE	4342
N2 NRA CLIFF	11147	AC5 OC DALE	4210	KB9 ORH KERRY	11447	AE4 PD WENDELL	5854
WA3 NRC HAROLD	4477	W9 OCP DENNY	6923	N7 ORS RICK	8202	AF4 PD JOHN	7592
KC2 NRQ JAY	11869	WA6 OCP NEAL	10992	AB8 OS DONALD	9108	N4 PD PAUL	7956
N8 NRT BILL	11644	KC4 OCS DON	1224	AD4 OS KEN	1787	W1 PDI TOM	11434
W1 NRX ARMAND	10344	WD8 OCV DON	1508	W5 OS JOE	1962	WB2 PDW VINCE	6957
AF4 NS JIM	1981	KE4 ODE FRED	2309	KC0 OSB SIDNEY	10212	K1 PDY RON	6929
VE7 NS RON	9151	N7 ODM BOB	8655	WB5 OSD BOBBY	11411	NH7 PE IRENE	11580
WA3 NSR BOB	3396	K8 OE JEFFREY	5181	KD5 OSI DENISE	8449	K5 PED PAUL	10030
K4 NSS BOB	6245	NM0 OEJ MIKE	8259	N2 OSL JAMES	8102	KB7 PEF STEVE	11521
K9 NSS GARY	2534	W2 OEJ ARNOLD	7403	K4 OSO MILT	11383	W5 PEH PETE	11907
K5 NT DAVE	7409	WB7 OEM CHARLES	2599	WB0 OSP KEVIN	5939	K9 PET MARC	9959
N9 NT JIM	3460	N4 OF DAVE	11862	WA7 OSQ ART	11847	8P6 PF PAUL	5630
W2 NT BOB	8476	N9 OF PETER	4720	KS4 OT JIMMY	1903	N6 PFF LARRY	11506
W0 NTA DICK	9925	W5 OF JACK	8567	N1 OT DAVE	8087	WA5 PFJ JOHN	11872
N2 NTO BOB	1004	KB2 OFC PETER	7402	WA3 OTC CHARLES	4145	W7 PFZ PHIL	9158
W2 NTS ED	2087	KC0 OFK DAVE	9535	N2 OTG BOB	3690	W3 PGA Aero ARC	11525
N1 NTZ ED	3898	KA8 OFF CHUCK	5687	W8 OTO SCOTT	10983	K7 PGL RANDY	3858
K8 NU CARL	9439	WA1 OFT TOM	5957	VE3 OU ERNIE	9344	KF6 PGY MIKE	10788
KB6 NU DAN	9342	WA8 OFU BOB	12112	N3 OUE JOHN	2011	AB8 PH MARIAN	8248
N7 NU LEE	6126	AG4 OG HENRY	8714	WA0 OUR NORM	5360	N4 PHH FRED	8025
K3 NUP ROBERT	5198	KB5 OG LEE	10969	KB0 OUT PATRICIA	4146	K4 PIC LARRY	12096
KC7 NUP KELLY	2432	KD5 OGG DAVID	8777	KA8 OUU SANDY	5740	K3 PID RON	7464
W5 NUT GIL	11655	KB5 OGN MIKE	5954	KB0 OUV TIMOTHY	4147	VE2 PID PIERRE	10215
AC4 NV ORVILLE	5467	KG4 OGN ALEX	11763	W7 OVG HERB	4349	W1 PID JIM	6760
N0 NV JACK	10581	K5 OGX PHIL	8638	WA2 OVT ROBERT	1472	W8 PIG Flying Pigs QRP	7373
K4 NVJ JOE	9379	KK7 OH JOHN	5374	K4 OVW BEN	6110	N6 PTY PAULA	11505
W5 NVK ERNIE	4226	N2 OH LARRY	7003	KN6 OW BRYAN	10507	KK5 PJ DICK	7650
N5 NVP JIM	11040	W4 OHA BOBBY	8771	N1 OW DICK	11305	WB2 PJH DAVE	11761
K8 NVR ED	7957	K5 OI TIM	1954	W5 OW BEVERLY	3188	WA2 PJI JOE	4536
N9 NVV LEE	1728	N8 OI GARY	2359	W9 OW JOHN	5429	KD7 PJQ SCOTT	12051
W0 NW BRIAN	7096	VE2 OI PIERRE	9529	K6 OWL OWL	8555	K2 PJT AL	11773
K1 NWB CHARLES	11279	W6 OI 10-10 International	8700	WB8 OWM SKIP	2415	N6 PJZ BENJAMIN	6855
KC8 NWB ED	7468	KE6 OIO ANN	3364	K4 OWN SHERRILL	1701	K4 PK DON	4492
K3 NWD BILL	7594	N4 OIZ DONALD	7817	W8 OWN GEORGE	9192	K9 PK RICH	7256
K8 NWD TIM	4084	N0 OJ RYAN	11628	W6 OWP BART	3372	N8 PKC GEORGE	6974
KC5 NWS HF LOAFERS	4950	WB6 OJB ARNOLD	11592	AE6 OX BOB	7533	WD8 PKI LARRY	2748
N3 NX RALPH	5066	WB5 OJF ALFRED	11071	KA1 OX WAYNE	2489	N2 PKP MARK	1249
W0 NX KEITH	4354	WA2 OJN WILL	2468	KJ7 OX BRIAN	1575	N1 PKS DAVE	5725
KD5 NXH VINCE	8614	W7 OJT DAVE	4304	W5 OXX FLOYD	11224	K8 PL PAUL	11988
WB9 NXY MIKE	11771	AL7 OK JOHN	7890	W4 OXX CHAS	6283	K9 PL PHILIP	6753
AE6 NY BEN	11353	K0 OK BOB	11217	N4 OXZ ROGER	2927	W1 PL LESLIE	5104
AG4 NY BRUCE	6911	N4 OKG AL	8421	K4 OZF PAUL	10273	W2 PL PHIL	11272
K0 NY CLARE	6335	K4 OKK DAVE	9557	N1 OZL RON	9452	KB9 PLB STEVE	9771
K3 NY NICK	3549	W3 OKN MERLE	1281	WB8 OZX MAC	4218	N4 PLK CRAIG	9241
K5 NY STAN	10949	W8 OKN SEAN	11181	AL2 P MIKE	11917	KB2 PLW RANDY	2348
N3 NY JOE	2025	K3 OKR ROBERT	7008	KC2 P RON	11961	K9 PLX CHUCK	9315
K9 NYO ROB	11684	KO4 OL GLENN	6583	KF2 P NICK	3199	KC7 PM TED	8235
AA1 NZ TOM	4725	KB9 OLD STEVE	4609	K10 P MIKE	11277	K17 PM BOB	11292
KA6 NZB SLATS	8206	K6 OLE NORM	7013	KK3 P BOB	5184	KT4 PM JOSEPH	4142
WB5 NZP CHUCK	9364	KN6 OM ERIC	5231	KM4 P BILL	8216	N3 PM JOE	1268
KA3 NZR HARRY	11316	KT4 OM BILL	7035	KO7 P DOUG	11477	K9 PMN PETE	11429
AK7 O JACK	5019	KX4 OM TED	11818	KR8 P BRAD	7292	K4 PMT HUEY	10174
KD4 O PHIL	8601	W5 OM HOWIE	1456	KZ7 P RON	8209	K9 PMV GERRY	10508
KF1 O KEN	8796	KB8 OMG BARRY	7083	NA4 P FRED	6967	K0 PN JOHN	3804
K13 O ROBERT	9185	K7 ON BRIAN	11832	NU9 P FRED	6354	W8 PN HAL	4998
NA4 O MARK	10158	KM5 ON SCOTT	10733	NW3 P ALFRED	11548	KA5 PNE YISRAEL	11245
NZ3 O BYRON	8224	WB7 OND RICHARD	7497	P43 P JACOBO	6500	W3 PNL JOE	3569
WB7 O FRANK	5833	K2 ONP GEORGE	11643	WO1 P JIM	11518	KC6 PNX PHILLIP	6246
WC3 O ROBERT	10933	W0 ONU JIM	2445	WS4 P AL	10120	W5 PNY HARRY	4343
WF4 O FOSTER	9353	WA4 ONV JOE	10551	W5 PAA Aeronautical	11575	VE3 PNZ FRANCO	6180
WF6 O RICK	7495	K0 OO JEREMY	11856	Center ARC		K1 PO PETER	5946
W16 O JOHN	12110	N3 OO BOB	8117	K5 PAX HARVEY	10946	NY2 PO PATRICK	8197
WQ7 O DENNIS	11926	W0 OOW STEVE	7808	K9 PB PETE	10145	K5 POA JIM	7062
WU7 O GREG	11953	W1 OOW VINCE	11912	KG4 PBG RICHARD	11945	W7 POE GEORGE	5656
WV3 O JOE	8687	KO4 OP MAC	8156	W4 PBG CHIP	6517	KF6 POU MIKE	7809
WX4 O JOHN	11888	N5 OP KIM	11093	W6 PBK PHIL	8826	AB4 PP JOHN	10261
N0 OA JIM	8264	W6 OPO BOB	10292	W4 PBL FRANK	3430	K8 PP FRED	1495
W4 OA MITCH	1467	KB4 OPV JERRY	2974	W8 PBO ART	0866	KB4 PPE BILL	9724
WA4 OAB BOB	9187	KG6 OPW ALEJANDRO	11740	W8 PBX AL	4528	KC0 PPH KEITH	11142
KB6 OAJ BILL	5763	K3 OQ JEFF	10966	K3 PBY CHUCK	3634	W9 PPK KEN	5120

K0 PQ STEVE	8279	WB7 QEB GAYE	4176	N5 QVF DARIO	11044	KA1 RFD RODNEY	11589
K2 PQ FRANK	6273	KD5 QEF NICK	9542	N1 QVN BILL	6966	W3 RFQ KEN	11479
W0 PQ DAVE	11511	W8 QEJ FRANK	12057	KA9 QWC DON	5668	AC7 RG BUZZ	9526
W6 PRL DAN	10226	K3 QEQ BILL	7664	K4 QWF Oscar Russ	11425	KF2 RG GEORGE	2043
KB9 PRT FRED	10763	W1 QF TERRY	7221	Chambers		W1 RG GIL	8462
WA5 PSA BRAD	11045	N2 QFD MALACHI	10680	Memorial ARC		W9 RGB VICTOR	11629
N1 PT DAVID	2560	W0 QG RUSS	7680	WD8 QWR PHILIP	6514	WA0 RGG BUD	3991
N8 PT ROBERT	6357	KC7 QGC JIM	4159	N0 QX MARTIN	11512	N1 RGP GORDON	8153
K5 PTC PESKY TEXAN	9725	KC7 QGE VERN	3819	W5 QXM BEA	6578	KA4 RGQ KEITH	11243
CONTEST CLUB		KG6 QGM PAVEL	10485	K8 QY BUZ	7407	KC5 RGQ PAUL	3155
W0 PTI BOB	9148	AD5 QH BRUCE	10660	N1 QY RON	2968	K4 RGR JIM	9209
WD4 PTJ PRESTON	6629	AE6 QH JERRY	10627	KA5 QYR JOHN	2488	AA6 RH ROBERT	4421
KB7 PTK JASON	4331	W6 QHD JAY	9774	AG4 QZ MAURY	9741	KC9 RH DAN	11227
K4 PTT DUANE	3494	WA3 QHJ PAT	6148	KO6 QZ DENNIS	4032	KB8 RHG SARAH	1418
K4 PTU WYATT (Pete)	2178	K9 QHO MIKE	3988	N2 QZ NICK	11469	KL7 RHJ BILL	7920
KC5 PTX ISSI	10663	KG6 QHP JIM	10635	W9 QZ RICK	4782	WB0 RHJ JAY	9338
WA3 PTY AL	3151	KD5 QHV BERNIE	12047	WA2 QZD STEVE	10677	AA0 RI CHUCK	2982
N3 PUR MIKE	3131	AB0 QI LARRY	8790	WA0 QZK JACK	9930	AD5 RI JIM	11427
N9 PUZ TIMOTHY	11464	WA0 QII ROD	11309	N2 QZQ JOE	2636	KG0 RI CHARLIE	1482
WA8 PVK RALPH	8630	KA2 QIK PHIL	3504	W5 QZT JACK	11280	W9 RIG RALPH	10361
N1 PVP MARINO	1770	K5 QIQ KEITH	2946	AE4 R MIKE	10141	K4 RIW JOHN	9317
K7 PVT BOB	8583	K2 QJ BOB	6163	KB0 R LARRY	7416	KB8 RIV THOMAS	11903
WB0 PVU TOM	8467	KD5 QJA DARRYL	8594	KB6 R ROBERT	10167	VA3 RJ DAVE (ve3jdr)	6196
KF6 PVY MIKE	10334	KF6 QKI RICHARD	7578	KG4 R BILL	6881	W5 RJ ROY	3137
WA1 PW PER	8154	WA6 QKN DENNIS	11143	KS7 R JOHN	11354	K5 RJB DALTON	11522
KQ4 PWC LEO	11236	AA2 QL FREDDIE	4054	KU4 R BOB	7268	WB2 RJC BOB	8709
K9 PWK PAT	7287	WB8 QLA BOB	6350	ND3 R PAUL	11390	K0 RJL DAVE	8844
W8 PWP TONY	8812	N1 QLF MARGIE	1533	NV5 R CARLA	9524	W4 RJP BOB	11799
WA9 PWP PAUL	2153	W5 QLF JOE	10553	NZ0 R CRAIG	11668	W4 RJR SPENCER	11326
WB9 PWQ DICK	11743	N1 QLL JERRY	7358	WF0 R WAYNE	11216	AB8 RK JACK	11066
AE6 FX DAVE	11278	W7 QM AL	4017	WN3 R RICHARD	6814	AC7 RK BOB	5499
WA6 FX JIM	8802	W9 QM ROY	10089	WU0 R WILLIAM	11842	KU9 RK TOM	11237
N3 PXF ERNIE	9282	KB5 QMG BOOKER	12024	WU7 R CI	10789	W6 RK RISTO	10908
W7 FXL Radio Valley Club	8800	W1 QMK RICHARD	1700	WW9 R PAT	11062	W6 RKD HECTOR	11448
W6 PKM JIM	7361	AA6 QMT KARL	9493	KC4 RAK GARY	8715	KB9 RKI JERRY	8603
KC0 FXP DON	12022	K3 QN DANA	11784	KC8 RAN JOE	8526	VA3 RKM BOB	11797
KF4 FXW HOMER	6310	KF6 QNC KURT	7231	N8 RAR WAYNE	2716	K4 RKN JOHN	9922
K0 FY MIKE	5323	W6 QNE BYRON	10920	KH6 RAT Pacrat ARC	11370	KC7 RKR DENNIS	3070
WB0 FYF RAYMOND	7986	WA9 QNN RON	11877	N4 RAY RODNEY	12016	K3 RKS ROGER	9578
WA9 FYH JIM	11218	KA3 QNO JIM	4606	AC7 RB MARK	9982	AE4 RL LEE	11726
KC0 PZD BOB	10318	AC6 QO CLAIRE	1992	W4 RBO JON	11898	KJ5 RL JOE	7583
K6 PZE DICK	3451	K4 QO RANDY	2361	K8 RBW DICK	11111	K4 RLC BOB	9137
K4 PZL JOHN	12113	K7 QO CHUCK	1716	KD0 RC LEN	8710	W6 RLF PAUL	8581
KA1 Q CHESTER	7280	KO4 QO GEORGE	5641	W7 RCK ROCKY	11018	W4 RLG ROGER	11610
KU1 Q WALT	5317	N8 QO KEITH	4648	W5 RCP RON	6259	W6 RLL JOE	11027
NA5 Q ROLAND	8622	W4 QO JIM	7499	K0 RCR BOB	7637	K8 RLS ROBERT	10157
NB7 Q NEIL	4545	W8 QOI RAL	7973	WA4 RCW RON	9597	K1 RMF BURTON	6267
ND5 Q MITCH	10185	K4 QOJ BILL	11358	K6 RCZ RANDY	9599	WB0 RMK SMARTS (SW	10550
NQ4 Q JOHN	5874	KL7 QOW MIKE	6114	N7 RD RON	2714	Metro Am. Radio)	
NU6 Q PETE	1022	AB8 QP JODY	10087	KD6 RDO GLEN	2788	WA3 RML ANDY	9449
WD8 Q HENRY	10010	N6 QP BILL	4583	WB6 RDO BUD	7411	W4 RMM BILL	3495
WB8 Q TERRY	5721	W9 QP JOHN	8535	K0 RDS DICK	2510	KB3 RMX MIKE	11361
WM4 Q ROB	7654	N2 QPJ CARL	8272	AC7 RE JOHN	10452	AC4 RN TOM	11844
AA3 QA FLOYD	3281	K1 QQ KENT	4437	N4 RE RICK	8806	KU4 RN RICHARD	7355
K3 QA RON	1504	W8 QQQ Shawnee County	11325	VA3 RE BOB	11384	WA6 RND JOHN	3944
K8 QA MIKE	4989	Amateur Radio Cl.		W5 RE BOB	10708	N6 RNP ALAN	3147
KK5 QA BARBARA	4476	WB6 QQR STEVE	8023	WA6 RE ROB	3462	W6 RO Queen Mary Radio	9350
N4 QA BILL	5176	W0 QQS BRUCE	10690	K1 REB SUE	9743	Room	
W5 QAP DAVID	8152	WB0 QQT STEVE	4239	K4 REB REB	9742	N4 ROA DAN	3407
AD5 QB KEN	11210	K6 QR Quantum Reality	12075	K9 REB REB	9744	W8 ROG KEN	0924
W9 QB BILL	8801	Radio Society		KA5 REJ MIKE	10444	K3 ROJ AL	4754
WB7 QBC JOHN	2796	N4 QR BOB	6856	KD7 REM CHRISTOPHER	11867	VA3 ROM ROBERT	3589
W3 QBK STAN	5773	N7 QR RUSS	8155	KE4 REM RON	5983	K7 RON RON	3237
W2 QBR DOC	1996	W6 QR WILLIAM	1252	W0 RER DAVE	10608	K3 ROO GEORGE	10123
KB5 QBU DON	2750	W9 QR LARRY	1474	WA1 RES Penobscot County	11075	KF6 ROX HERB	5887
NA3 QC North American	11900	AC7 QT EARL	9749	Club		K2 RP RON	9301
QRP CW Club		K1 QT BOB	6104	WA5 RES LARRY	12028	KI0 RP DAVE	7440
WA1 QCE RON	9927	KG2 QT TOM	11577	KC0 RET GREG	10615	WQ3 RP MarylandMilliwatt	5059
K7 QCK JIM	11211	KG5 QU DAN	8559	WB4 REX CHARLIE	11128	WB0 RPA KID	5825
N4 QDA MALCOLM	10724	N0 QU MARK	11284	KA2 REY VIRGIL	10533	KA9 RPR PAUL	1485
W4 QDX REX	11426	N7 QU GEORGE	3017	K4 RF STEVE	9190	KB2 RQA PHIL	7568
AA9 QE MIKE	4677	W0 QUF RALPH	10777	KH0 RF BILL	11468	KD7 RQF TOM	11974
W6 QE MILT	11829	W2 QUV HOWARD	10036	KK4 RF MARTY	8009	W9 RQG VIC	10398
W1 QEA JOHN	8240	K9 QVB JOHN	1047	WB8 RFB JOHN	6844	N8 RQJ HAROLD	11286

KB0	RQN	CHERYL	2092	WA6	SAQ	RON	7260	KC0	SOG	DOUG	11857	WB2	SKY	BILL	7222
N7	RR	BRUCE	10539	KD6	SAU	DOUG	8784	K5	SOH	JIM	6876	AA4	SY	RUSS	10574
W1	RRC	West River Radio Club	11450	KA1	SAW	NEAL	7036	W7	SOM	JOHN	9358	KB9	SYI	BILL	10603
W1	RRD	DICK	10478	AA3	SB	ROBIN	5424	KB8	SOU	DANNY	7813	W3	SYR	BOB	3058
VA3	RRN	BOB	10447	AB0	SB	PAUL	8519	WA9	SOV	MILT	8733	KA6	SYT	TERRY	11788
W1	RRP	DICK	9971	K2	SB	STEVE	1462	K4	SP	STEVE	9383	AA1	SZ	DALE	11792
K7	RRR	DICK	5448	N1	SB	STEVE	7330	K10	SP	JEFF	6353	KD7	SZE	GLEN	8837
W7	RRR	MELODY	3093	VA3	SB	SERGE	8241	VE3	SP	RON	5923	W0	SZF	VERLE	4014
KC0	RRS	BRUCE	11689	WA6	SBB	GALEN	2394	KG4	SPA	TONY	11180	K1	SZK	FRED	1020
KG4	RRT	BILL	9503	W6	SBE	DAN	8052	K4	SPC	St. Petersburg College ARC	11566	K5	SZN	BOB	6608
N0	RSB	JAMES	7291	VE3	SCA	Algoma Senior's Electronic Communicators	10025	VE7	SPL	PETE	8088	K8	SZN	EDWARD	4156
N3	RSD	FRANK	2411	KB8	SCI	STEVE	7398	VA3	SPN	CHARLIE	8832	W0	SZP	RICHARD	11372
W0	RSD	NORMAN	11553	W0	SCI	Science Center of Iowa	11475	KA7	SPS	DICK	12013	WA8	SZT	CHUCK	12098
K5	RSJ	RICH	10340	W0	SCI	Science Center of Iowa	11475	KG6	SPV	TIM	11024	A15	T	GARY	7687
K2	RSK	PETER	6366	WA1	SCI	DAVE	10492	W9	SQ	PETER	11254	KB4	T	FRANK	10283
W9	RSR	ROBERT	11319	W1	SCW	SHAWN	5783	W5	SQA	BOB	8745	KD7	T	FRED	11476
K2	RSS	RICH	7093	K7	SCX	FRED	9553	N5	SQL	GREG	9504	KM9	T	DALE	10605
KD5	RSS	BUTCH	9905	K6	SCY	BASIL	7227	W6	SOQ	ROGER	10467	KS8	T	KEITH	11037
W2	RST	BILL	8752	N6	SD	SAM	10557	KB2	SQT	DON	6210	KU8	T	THOMAS	10163
W5	RST	PETER	7290	WA2	SDS	MICHAEL	12017	AB0	SR	JESSE	10473	ND2	T	TOM	8648
KS4	RT	BARRY	11508	W3	SE	WES	9566	W2	SR	BOB	9139	NN6	T	GLEN	12101
W4	RTE	JOHN	10591	W0	SEB	KEN	7381	W4	SR	JACK	11118	NU6	T	RICH	10017
W1	RTF	RANDY	12089	N9	SEL	TED	7272	KB9	SRI	JIM	6157	NU7	T	STEVE	4676
N0	RTU	MIKE	2305	KB2	SEU	MARIO	7239	KC8	SRJ	JUNIOR	10698	P43	T	TONY	5056
W4	RTW	JACK	4277	WA6	SEU	PHIL	8106	KB8	SRM	DANIEL	10277	WB0	T	GERALD	3807
KO6	RU	CLAUDE	2150	K1	SEZ	PAUL	11393	WA2	SRO	BALPH	5077	WC5	T	Williamson County Amateur Radio Cl.	8000
KA4	RUR	FRED	12095	N9	SF	BOB	5008	W1	SRR	BUD	11727	W16	T	REX	11303
AA8	RV	MIKE	1046	W2	SF	BOB	11294	KB9	SSB	JIM	7960	WO7	T	MARK	10064
AE4	RV	GEOFF	10626	W5	SFL	GONZALD	9414	K4	SSC	GEORGE	3090	WP2	T	MAGGIE	1287
K1	RV	PI	7012	KF4	SFW	EDWARD	11719	VE6	SSC	Edmonton Adysium Amateur Station	9950	WR1	T	DAVID	10580
KE8	RV	Madison County ARC	10950	N1	SG	STEVE	1450	N4	SSD	FRED	11757	WU9	T	DON	11741
KG6	RVF	MICHAEL	11463	W6	SGJ	DICK	3627	KS9	SSS	Family Radio Club	11050	AE6	TA	RICHARD	4233
W7	RVR	DENNIS	9264	W4	SGN	DON	11780	K4	SSW	CHARLES	10223	N9	TA	JOHN	2301
KE4	RVT	DWAYNE	10652	KG4	SGP	JIM	11038	KS4	ST	REINHOLD	7861	W5	TA	RICHARD	7889
WA2	RVT	JEFF	5688	W6	SGT	JIM	6269	KT4	ST	ARNIE	2940	VA7	TAP	PAT	11235
KA0	RVV	MARK (on9cuv)	8026	AC5	SH	TIM	5654	N4	ST	JIM	4285	N7	TAU	MONTE	7507
KA1	RVV	TOM	2169	W2	SH	CHARLES	5040	NK3	ST	USS TORSK	6600	W5	TB	DOC	5365
KC8	RVX	DAN	11884	K2	SHN	JOHN	9357	KK8	STA	St. Antoninus School Radio Club	7850	KB0	TBK	NORMAN	12111
WA4	RW	RONNIE	11835	NN3	SI	The Smithsonian ARC	11333	W6	STN	GARY	9993	KA9	TBU	MAUREY	11409
W1	RWB	RAY	6893	WA2	SI	BERT	9384	KC0	STQ	TOM	11597	AA0	TC	LES	7940
WA6	RWI	WALT	7321	W9	SIO	DAVE	5828	KA1	STU	BEN	2113	K0	TC	RON	10722
KB9	RXE	NEAL	11633	VE7	SIS	DONNA	4968	W6	STU	GLEN	3631	K1	TC	TOM	11709
K9	RXK	ANN	6947	WN7	SIU	KENNETH	11005	K7	STX	BILL	3921	K3	TC	THOMAS	7489
KB5	RXL	MARK	7243	WB8	SIW	JIM	6736	KQ6	SU	DAVID	11738	K5	TCC	Tarrant County College	7400
KD4	RXO	KEITH	2073	K1	SJ	SIDNEY	11599	NM5	SU	MIKE	11199	K1	TCI	ART	8436
KA8	RXW	LEE	11131	W6	SJ	RANDY	10556	W7	SU	OGDEN ARC	7001	KC7	TCK	CARROL	4558
KC0	RXY	GENE	11809	KA2	SJG	JACK	3363	AB2	SV	DICK	11520	W8	TCM	Cherryland ARC	6800
N3	RY	ROY	3544	VE7	SJK	STAN	8079	AB6	SV	DAN	12018	KB0	TCY	RICK	3023
W8	RYB	BOB	9955	W9	SJW	JOHN	10004	N2	SV	STEVE	2104	KS4	TD	BOB	4760
WB5	RYB	BILL	5021	N2	SK	BILL	11593	KB7	SVA	DAVE	1549	KD7	TDC	CHRIS	11946
KC7	RYE	DON	3559	N1	SKM	CAROLYN	3261	VA2	SVP	GUY	7048	N7	TDK	BILL	11357
W4	RYW	GILL	8484	KA7	SKN	JERI	4177	W4	SVP	STEVE	4456	K8	TDM	TOM	7983
N0	RZ	CHARLES	3186	N2	SKP	SHIRLEY	11811	KE6	SVR	HLO	4996	N8	TE	TOM	5302
VE3	RZ	TONY	5044	K4	SKY	STEVE	11138	K5	SVS	PHIL	6828	W5	TEN	WADE	2723
KA9	S	JEFF	6352	N2	SLB	BOB	2658	K1	SW	DICK	8721	VE3	TEU	NIELS	11440
KE4	S	DAVE	9731	WA9	SLT	ROBERT	11730	N9	SW	GENE	1202	K8	TEZ	LARRY	9709
KF7	S	KEN	7069	N2	SLW	JOHN	7293	W2	SWN	MARTY	6731	WA2	TFA	LLOYD	11558
KN7	S	CRAIG	9717	KG4	SME	BUD	11639	WN1	SWR	TED	2490	K7	TFW	DON	4050
KV6	S	JIM	9456	WA8	SME	MARK	7949	K2	SWZ	BERNIE	0748	K1	TG	ROGER	10462
NC3	S	PHILIP	7969	AA8	SN	HOPE	4988	AB0	SX	HARRY	11042	NH7	TG	DAVE	11368
NC4	S	GARY	3834	K1	SN	JIM	11435	KB7	SX	BOB	7438	XE2	TG	MARCO	7985
WA1	S	ANN	8254	W0	SN	CURTIS	6334	KD6	SX	GEORGE	5288	W0	TGB	MARK	11324
WA9	S	KEN	1711	N4	SNB	ALFRED	11538	KA9	SXH	TERRY	2616	KG6	TGI	ROBERT	11232
WB2	S	ELIOT	11586	KA5	SNG	SAM	8432	W3	SVX	GENE	11849	AA3	TH	JOE	10453
WC7	S	DALE	11074	WB8	SNH	RICHARD	8759	W6	SXX	ROGER	10463	AA9	TH	GENE	2388
WX4	S	ED	1516	KG4	SNP	DAVE	9534	KG6	SXY	TONY	10681	K9	TH	TIM	11373
WZ8	S	TOM	11963	W2	SNX	SAM	11807					KG6	TH	AL	9336
K1	SAM	SAM	2689	WA7	SNY	DICK	2553					N9	TH	RICHARD	7479
KC5	SAM	VIRGINIA	2911	K1	SO	JERRY	6340					W6	THB	BENNETTA	10310
VA5	SAM	SAM	9934	K5	SO	CARL	2782					W6	THD	ART	9375
N5	SAN	FRANK	5345	VE3	SO	PETER	4559					KB8	THF	RON	7331
WA0	SAP	DAVE	11731									K1	THP	DAVE	11701

KA3 THS PAT 3816	K1 TU BOB 11931	K7 UD DEE 7299	KE6 US ERIC 11352
AB7 TI JIM 10445	KM6 TU SLIM 7383	KL1 UD CRAIG 12080	KE4 USA ERIC 2045
N8 TI JOE 1016	N9 TU JERRY 2176	N8 UD BUD 2369	WA1 USA Pawtuxet Valley 8400
W4 TI DIEHL 8127	W6 TU BILL 10213	WB2 UDC BOB 8192	
WB0 TIL STEPHEN 11937	W7 TU Utah's Dixie DX and Contest 9475	W6 UDO JOE 9995	K1 USN USS SALEM 9239
KA5 TIW JIM 11883		K4 UDT AUBREY 11934	
WB6 TIX ERIC 10799	KA5 TUF BILL 1430	K4 UE DON 8116	KG4 USN KEN 11334
K8 TJ TIM 10180	KG4 TUM JIM 11562	KT4 UE KEITH 3256	N6 USP BOB 12003
N8 TJE TED 8667	KA0 TUP HENRY 8263	KF6 UEB RICK 5814	K5 USS CHARLIE 11234
W4 TJE JACK 11296	W0 TUP NELS 8610	N0 UEP KEN 5258	KB9 USX MELVIN 6692
K8 TJM TERRY 7308	WA3 TUU RICHARD 11001	KB9 UF /ve3nrb NORM 8757	K8 UT LARRY 8227
WA4 TJS ZACH 11219	KG4 TUY DAVID 11885	N0 UF BOB 6769	KK7 UT DON 8611
W5 TJW BILL 2057	K6 TV TOM 4201	K3 UFG DAN 8255	W5 UTK PHIL 8728
W7 TK EARL 11021	KB9 TVD MARK 7377	K2 UFO ROBERT 11695	K9 UTQ GENE 10104
KD7 TKI DAVE 11549	KC4 TVN GEORGE 8770	W0 UFO MERT 3823	N4 UTY FORREST 9541
KE8 TL GARY 8851	KA0 TVO BOB 10664	W8 UFO SCOTT 9401	AA8 UU JOHN 3343
W4 TL TERRY 11609	WA9 TVS DON 12074	K4 UFS RICHARD 4247	AD5 UU PAUL 11808
KD5 TLC FRANK 11790	KC8 TVW STEVE 10543	KG8 UG CHARLES 7979	KF0 UU DON 3651
N9 TM TOM 11579	N5 TW TOM 4422	N7 UG JOYCE 2381	VA3 UU JACK 2517
G7 TMG /W7 SHOLTO 11714	N8 TW TED 3386	K8 UGL DICK 2172	KB4 UUA DORRAIN 11177
W4 TMM TERRY 7649	W4 TWB RAY 1487	K0 UH JUDY 7515	KC8 UUG JON 12037
KB8 TMR ESTHER 3039	K4 TWJ DAVE 1435	K4 UH Med Wireless Society of Bay Pines 12100	N9 UUI BOB 2402
W8 TMS ART 2184	WA2 TWS ROY 2903		W4 UUU ED 4273
N9 TMU CLAY 8258	KG6 TWU RON 10990		AA3 UV DON 10155
WA4 TN JIM 9962	W4 TWW JOHN 12103	N7 UH BT 12038	W1 UVJ LARRY 8678
WB7 TNH JOSEPH 5666	KG4 TWX ANDY 10517	N2 UI TOM 8140	K8 UVU LEN 6572
KC0 TNL BRIAN 12071	N1 TX LARRY 5711	W2 UI TIM 10910	N8 UW CHUCK 9348
W9 TNN GEORGE 9434	N7 TX STEVE 3467	W8 UI DAVID 10112	W9 UW RON 3412
KC7 TNT JOE 4213	WR1 TX WARREN 12064	WA6 UIJ MIKE 11708	WB0 UWL BILL 6177
W5 TNT PAOLO 7217	KD5 TXD PAT 12066	N1 UIY ROGER 6105	KC0 UWS BRANDON 11916
W3 TNU RABE 10203	WB8 TXG SAM 10429	W4 UJ The Henry Felton Memorial Radio Cl 11600	N8 UX RICH 5605
W8 TNZ HENRY 6607	K4 TXJ JIM 1448		N4 UXA BRYAN 10216
AB7 TO DAVE 9957	KC0 TXO RICHARD 12043	WB7 UJE FRED 10363	WA4 UXJ Central KY ARC 11150
AC6 TO STAN 2695	K1 TXU SKIP 1958	KG4 UJI ALESHA 9533	AA1 UY ROB 8260
KB8 TO BILL 4513	KD5 TXW MATT 9729	WB9 UJS MARK 11853	K2 UY KEN 3980
W9 TO JIM 11119	KA4 TXY DAVID 12092	W6 UJX JIM 3002	N4 UY JAKE 3450
K6 TOB RICHARD 10166	KB8 TXZ JIM 11603	N8 UJZ MIKE 1571	W0 UY TOM 8632
WB7 TOB MIKE 8855	AB5 TY LEA 1563	K4 UK STAN 2934	W3 UYC GEORGE 5114
WA4 TOJ MARVIN 3224	AE6 TY WARD 11845	K15 UK HARRY 2182	W6 UYD BILL 12026
W7 TOM BOB 8199	N7 TY BRUCE 8618	KB9 UKE VIC 6954	KB0 UYU ED 5150
KB4 TOX BILL 12053	KC5 TYC JACK 3246	WB0 UKI JIM 7362	N2 UZ JERRY 11919
K4 TP ART 7518	KA7 TYT JOHN 11734	WB9 UKQ BOB 8674	W9 UZ MARK 9297
KF2 TP RICK 2191	AA6 TZ CLIVE 9567	VE3 UKU TOM 3379	KG6 UZB KEN 11886
N0 TP GARY 4288	KT4 TZ ED 11557	KC8 UKW DAVID 9370	N8 UZE DEE 10270
W8 TP TED 2403	W3 TZW ROY 3205	KE4 UKY MATT 2341	KA9 UZH PATRICK 5913
KA4 TFC BOB 11786	AE8 U DAVE 9170	KK7 UL CHUCK 5943	AA8 V GREG 7623
KC8 TPI EUGENE 10937	KG3 U LEON 3835	W4 ULL TOM 9244	AB9 V MIKE 11261
K7 TQ RANDY 3251	K18 U DENNIS 8657	WB6 ULU LLOYD 11954	AF9 V BILL 10719
KE8 TQ FRED 6371	KW1 U MARCIA 10936	W4 UM MIKE 1247	KD0 V MERLIN 12068
KO6 TQ CINDY 3543	KW3 U JIM 11865	WA1 UMA TOM 11031	KE9 V JEFF 6641
KB9 TQC RAY 9508	KW8 U BOB 1446	KE4 UMW BROOKS 10382	K17 V JOHN 11110
WB2 TQC JOHN 8690	KY8 U ERNIE 10696	WA3 UMX JOE 8531	KK5 V LARS 10191
N5 TQO DAVID 11692	NA7 U CASEY 3648	KA1 UN TOM 10514	KK7 V JOHN 6726
KC8 TQP JOHN 10018	NA9 U JOHN 11821	KJ7 UN LAURA 2785	KL7 V SAM 5799
KG4 TQQ BILL 11061	NB9 U CHUCK 8760	K1 UNQ CARL 1218	KQ2 V SIMON 6866
W6 TRI FRED 11582	NC6 U RON 7617	K4 UNW GERALD 1019	NF7 V GREG 7213
N9 TRK STEVE 1915	ND1 U Notre Dame ARC 5650	WA3 UNX DON 7384	NI1 V JEFF 8624
WB0 TRL BART 11924	ND4 U DENNIS 8613	K5 UNY ALEX 3304	NI5 V STEVE 7412
VA7 TRS Thompson River Amateur Radio Cl. 9400	NG9 U NORMAN 8517	W4 UOT Middle Tennessee ARC, Inc. 10300	NK8 V BOB 2302
	NW9 U HARRY 7907		NO8 V JOHN 4794
K7 TRT JOHN 11510	W13 U HENRY 2708	NO7 UP CHARLIE 5787	NY2 V FRED 1293
W1 TRT TIM 7873	WZ0 U BILL 4369	K2 UPI KEN 5697	WD1 V JOHN 5014
KD5 TSG MAX 9722	W0 UAK JERRY 11336	KG4 UPO WILEY 10035	WE6 V JIM 0865
AD5 TT PAUL 10732	K7 UAL SWEDE 3553	K8 UPR MIKE 5071	WJ2 V PRESTON 11646
NE4 TT JAMIE 9337	KD7 UAQ BRUCE 10589	N5 UPT DEBBIE 4260	WS1 V CLINT 12039
WA8 TT DAVID 8858	K7 UAZ University of Arizona ARC 10900	K4 UPV BOB 11428	AG4 VA LEN 8876
K6 TTE DALE 11417		KK7 UQ CLINT 12007	N0 VA KEN 11257
K6 TTM GENE 4906	AD4 UB EUGENE 11376	W2 UQ DAVE 7254	W4 VAC CHUCK 11068
KB5 TTQ HAMILTON 7951	K0 UB BILL 4623	W9 UQB MIKE 3687	KA4 VAF DAVE 11501
N9 TTT SHEILA 2078	KE4 UBX SHERRI 10715	WA7 UQE AL 6739	WA1 VAV BILL 4668
W1 TTU EDGAR 6202	AA1 UC BYRON 8758	K9 UQN DON 4718	K14 VB MARK 4206
K6 TTX East Bay Contest Society 4600	N2 UC JOHN 3114	KD4 URC RICHARD 4283	N0 VB DICK 8740
	WA8 UCS CHUCK 3355	KC4 URI STEVE 6128	N9 VB RAY 3164
KB7 TTY BOB 3418	K9 UCX KEN 6873	N3 URO LARRY 6675	N4 VBV MIKE 8109

K7 VBY GARY	10593	KT4 VP ALFRED	11613	WZ0 W SLEET	1284	WA9 WME QUENTIN	2120
N8 VBY ROBERT	6190	WB8 VPH FRANK	7241	K0 WA LEE	11664	K5 WMG MIKE	10403
KC8 VC Mich-A-Con Club	10150	W7 VPV DICK	8798	K3 WA BILL	10364	WA2 WMJ JULIAN	7816
N5 VC VIC	2311	W8 VFW TOM	7264	KF8 WA CECIL	11408	AA2 WN HARRY	8716
KB0 VCC DALE	3172	K7 VQ DICK	11204	N0 WA DENNIS	7226	KE3 WN PAT	5667
KF4 VCP TED	10369	KC8 VQ GEORGE	3838	W7 WAA VERN	8705	N5 WN CARL	8644
N8 VCQ RICHARD	8742	KC7 VQD DONALD	7408	KA9 WAC PATRICK	4530	KG4 WNA JOHN	9738
K4 VD KEVIN	11712	KG4 VQU QUINTIN	11866	K5 WAF BILL	8843	N1 WNB WINSTON	4143
K6 VDP LARRY	3628	W8 VQV BERNIE	2677	WA7 WAL ERIC	6759	WA3 WNK JOHN	5361
KT4 VE TERRY	6309	WA2 VQV RUSS	3179	K0 WAM WIL	10014	KD6 WNM CAL	2632
KE4 VED DAVE	12087	WA0 VQY ROBIN	3346	N4 WAN BILL	11056	N9 WNN STEVEN	11645
WA6 VEM NAT	9360	N0 VR ROGER	11503	K4 WAS BILL	11274	N1 WNT LOU	4647
N8 VEP LINDA	3957	KC0 VRI JOHN	12086	KF4 WAS HUGH	4297	KC7 WNV DAVIS COUNTY	4175
AB4 VF CHARLES	9381	KA1 VRP CLIFFORD	4539	WA3 WAW BERT	5419	N0 WNV EDWARD	10959
K7 VF JEFF	9975	KF4 VRQ MARVIN	10595	NH7 WB PAUL	11899	WA0 WNV RON	12023
W6 VFA WEB	11472	N8 VRS SONDRA	10236	KB9 WBM DON	10631	KC8 WO CHARLES	7853
W8 VFM NED	11620	K2 VS CAROL	2081	N9 WC GREG	1717	KH6 WO Honolulu ARC	11221
KD6 VFO DAVID	5952	N1 VS VINCE	8053	W8 WC BILL	2371	KB8 WOB CINDY	6747
W6 VFO BOB	11572	KC8 VSB JOE	11529	K1 WCC HENRY	2706	W9 WOC FRANK	10634
K8 VFR ROSEMARIE	5602	K7 VSC MOSE	10754	W5 WCS BILL	10331	W4 WOD SAM	10726
AA2 VG PETE	2530	N4 VSD KEN	5217	KN0 WCW FISTS USA Club	10000	KA8 WOG FLOYD	9237
K1 VG TOM	4301	K2 VT RANDY	2080	W2 WCW FRANK	7309	W3 WOM JOHN	7206
K5 VG JOHN	11389	KG8 VT VIC	9501	N2 WCY DONALD	3560	K4 WOP JIM	5431
K6 VGA ROBERT	8056	NJ6 VT USS PAMANITO	3077	K3 WD BILL	11535	WB8 WOP TOM	10965
VE3 VGI JOHN	6261	W9 VT Tri Town Radio	11875	N1 WD BILL	5247	KE6 WOX ART	5766
VE3 VGG EARL	2535	Amateur Cl. Inc.		N8 WDH CHUCK	1258	KG4 WOY BOBBIE	11115
AF4 VH VAL	7324	KB5 VTB LANNY	1970	N2 WDV ADIN	5811	AA8 WP LARRY	3384
KK5 VH JOHN	4599	W5 VTL PAUL	5631	AA5 WE R.E.	2660	N3 WP BILL	8482
KC7 VHS PERRY	11791	W5 VU GEORGE	8629	VE7 WEB BRIAN	11837	K4 WPM BILL	5958
W0 VHV JOHN	4076	N5 VUC BOB	6620	KG4 WEL SCOTT	9944	K3 WQ DAVE	8673
W8 VID CHARLES	11321	K6 VV ACE	6255	W8 WEN JACK	3609	K6 WQ YUTAKA	10923
W6 VIF CHAFFY	7471	N8 VV DAN	10386	K0 WEW KENT	10616	K9 WQ DAVID	10669
W8 VIF BOB	10042	WA4 VVA Floyd H. Martin Jr	11500	K7 WF STU	1493	KD7 WQH TONY	11858
W8 VIJ GREG	8190	ARC		N2 WF BILL	2016	KG4 WQO DON	11591
KE1 VIN KEVIN	11922	WB6 VVA SKIP	9558	WA9 WFA STEVE	11895	WA2 WQT RUSS	10176
K4 VIZ TOM	2323	KB0 VVT REBECCA	10108	KB8 WFH MATT	9179	N6 WR ARMOND	10770
K0 VJ RICK	10999	VA7 VVV DAVE ve7ddw	9112	N2 WFG GAIL	4128	W6 WR JIM	9484
K5 VJ LEO	5070	W7 VVW DEAN	3133	K4 WFM FRANK	10245	W5 WRL WILLIAM	10764
WA4 VJC BOB	11106	AA7 VW VERN	10044	N2 WFN EUGENE	8640	KB8 WSG CHARLES	5847
KG4 VJS Springstead High	11700	AA9 VW CHARLES	5681	KB2 WGA DAVID	10287	WA3 WSJ ED	1715
School ARC		N1 VWD BRAD	2446	KB8 WGQ MATT	5805	KB4 WT LARRY	5649
W8 VJW JOHN	4221	K6 VWE STANFORD	9989	WB2 WGX RICHARD	6853	K5 WTA BILL	1594
KA0 VJX DENNIS	4735	KB9 VWK LLOYD	7342	AG4 WH GORDON	9405	KB7 WTK CAROL	4332
WA0 VKC SCOTT	10127	K4 VWR MIKE	11718	N1 WH WES	9447	N3 WTW LEW	6209
KC0 VKN JOE	12091	KF4 VWZ HENRY	4777	WL7 WH BOB	3420	K4 WU RON	11343
K9 VKY BRIAN	1212	KS4 VX ROGER	2041	WA5 WHN JAY	3044	VY2 WU ALAN	4572
AD4 VL JAMES	1541	W5 VXE TED	11346	WA0 WHT TOM	12065	W6 WU DAN	3656
W6 VL CHRIS	2355	W7 VXS DON	10222	AA3 WI JOHN PAUL	8642	W9 WU JIM	6363
KG4 VLC Carolina FISTS Cl.	9450	KB0 VXU RICHARD	7968	WH6 WI DOUG	8779	KC5 WUP ROBERT	6135
W6 VLD Boeing Employees	11295	KF6 VY BECK	10918	KG4 WIL JOHNY	10147	N5 WVR CATHY	12033
A. R. Society		N3 VY DON	8852	W2 WIL WIL	10515	W6 WVV DICK	11313
W1 VLK GEORGE	8808	VA2 VYZ JEAN-FRANCOIS	11896	W6 WIL DON	3536	AC7 WW JOHN	10552
WB9 VLK DIANA	4436	KE7 VZ HARRY	10380	N6 WIN TIM	8762	KE0 WW MIKE	7978
WB0 VLV DON	11063	W4 VZB STAN	3307	N2 WJ STEVEN	4999	KN6 WW CHUCK	4099
AA8 VM CAL	2472	W2 VZQ KENNETH	8730	KB4 WJA MICHAEL	7428	WA7 WW BRETT	9977
N4 VM BRYN	6317	W9 VZR CHUCK	3358	KG4 WJC JOSH	11756	K3 WWP JOHN	2002
KG4 VMB VIRGIL	10653	KA0 VZZ LORETTA	4508	KC8 WJO JIM	10563	K3 WWW BUD	9711
W7 VMI Vashon-Maury	11550	AC4 W BRIAN	1042	K3 WJR WAYNE	10610	W5 WWW RON	2324
Island Radio Club		AC8 W STAN	1454	AA9 WK LEE	4115	K5 WX KEITH	11959
VE3 VMP MICHAEL	10335	AE4 W GUNNAR	2068	K1 WK WALT	11992	K6 WX KRISTEN	10232
W7 VMP VIRGINIA	5334	KA0 W KEN	5116	KF4 WK LEWIS	4253	KF2 WX CHUCK	3614
KB8 VMZ KATHY	3821	KB9 W DAN	3262	N7 WL JOHN	10496	KS4 WX HANK	10214
K7 VN DON	11822	KC0 W TONY	3001	N5 WLA FRED	9730	KG6 WXB RICK	11804
W8 VO CLEM	11908	KC3 W BOB	9537	W8 WLC KEN	7242	K8 WXQ AL	3213
K2 VOA Piscataway ARC	10975	KC9 W RANDY	10449	W4 WLG DON	7262	KE4 WXS DAVID	7370
N6 VOA IBB Delano ARC	10450	KD8 W DAVE	6879	K5 WLQ JIM	11362	KA7 WXY WALLY	1941
K4 VOC Vortex of Chaos	11290	KG1 W RICHARD	11342	KD7 WLR LARRY	11470	W4 WYD BARRY	9769
N6 VOH BARRY	6262	KY8 W WILLIAM	11987	W4 WLT LARRY	11670	W4 WYV GEORGE	6117
K9 VOL BILL	9793	NB3 W ROBERT	6956	K9 WM Green River Valley	11275	KF4 WZA MARGARET	5945
K9 VON RUSSELL	11293	NG3 W CHRIS	4734	Am. Radio Society		K5 WZF JOHN	11515
K8 VOR ROBERT	10973	NT2 W RICH	4140	N8 WM WANDA	6358	WB5 WZM ROY	11840
W8 VOS KEVIN	9293	WF4 W TAD	11623	W0 WM PERCY	3216	KC8 WZO MIKE	11186
KG4 VOX RICHARD	10304	WF6 W BILL	3148	K4 WMA BILL	7005	KB9 X STEVE	11442
K7 VP VIRGIL	9469	WG8 W ROD	3303	VE3 WMB MIKE	9437	KF9 X MIKE	10012

KK1 X	JOHN	11285	NJ6 Y	LINSLEY	11691	W8 YMO	HARRY	5713	WF6 Z	FRED	7363
KN9 X	DAN	8671	NS6 Y	ALEX	11466	W4 YN	TIM	7327	WQ9 Z	ROY	11962
KV7 X	TERRY	11547	WA5 Y	RUSS	1721	K3 YNL	ALBERT	4453	WR4 Z	JIM	5322
NG6 X	DAVE	0719	WD7 Y	ED	6179	KA3 YNV	DAVE	3685	KK5 ZA	BOB	4695
NI1 X	BRUCE	10967	WG7 Y	BOB	11830	AA8 YO	ROBERT	3056	VE1 ZAC	JEFF	2048
NO4 X	BRIAN	11981	WS4 Y	BILL	7589	AG4 YO	CHARLIE	10194	K7 ZAD	GARY	9756
NO6 X	KEN	11721	WS7 Y	AL	10792	KA7 YOI	GARY	10184	K6 ZAN	RALPH	1529
NT8 X	BOB	4287	AA7 YA	STACEY	3857	W6 YOO	HARRY	5966	VA3 ZBB	ROD (W9BRD)	1782
NV1 X	BOB	1535	K9 YA	Robert F. Heytow	9500	KB9 YOZ	DAVID	9518	VE3 ZBB	BETTY	1265
NV9 X	JIM	7517		Memorial Radio Cl		AB6 YP	VERN	1731	W6 ZBG	JOHN	9422
NW8 X	RICH	1540	N1 YA	PETER	8592	KF4 YP	VERG	9972	K9 ZBM	JIM	7663
WB7 X	MARTIN	10322	W5 YA	High Desert	5300	KB9 YPC	STEVE	8236	KA9 ZBN	WILLIAM	6871
W9 X	JAMES	1544		Wireless Club		KG6 YPD	LYNN	11754	KB9 ZBN	RON	12102
WK4 X	MARION	10718	N8 YAD	BEN	11183	WA2 YPL	DEE	1997	WB8 ZBT	ROBERT	7476
AA7 XA	FRANK	7404	AD4 YB	EDWARD	4392	N9 YPN	ANTHONY	2471	K2 ZC	BOB	11882
K8 XAF	DICK	8842	N7 YB	DUTCH	10095	WA8 YPY	RUTH	4590	WAI ZCB	ED	8203
AA5 XE	DALE	10021	N9 YB	MIKE	11658	W9 YQ	DWIGHT	2765	KO4 ZCH	ALBERTO	11991
AB0 XE	STEVE	8641	WA5 YBC	ELRAY	6264	K5 YQF	CECIL	8077	K8 ZCT	BILL	10002
KK7 XE	DENNIS	9161	KE4 YBS	GAIL	3672	N8 YQJ	RALPH	7205	K7 ZD	GARY	4706
N8 XE	JASON	6338	AB5 YC	JOE	4482	KB0 YQY	DAVID	5676	N0 ZD	MIKE	8585
K8 XF	MIKE	6773	W2 YC	CAVE	11331	AA3 YR	BILL	8492	K4 ZDH	RILEY	7208
KJ5 XF	TONY	2102	WA8 YCD	BOB	11101	AB7 YR	OSCAR	7418	WB4 ZDU	RAY	6542
VE7 XF	RALPH (ve4kx)	7492	W7 YCW	ROSS	11755	N0 YR	JOHN	10560	K2 ZDX	TOM	9751
W8 XF	MAC	6325	K7 YD	DOUG	3852	W3 YR	TED	7601	K7 ZE	ART	4372
K6 XG	DAVE	10134	W4 YD	DAVID	11307	W8 YRB	ROB	7436	KF6 ZES	JOHN	6910
VE6 XG	BILL	4352	KB5 YDA	JOHN	5979	WB0 YRM	JOHN	3686	WB8 ZEX	ROGER	11635
W3 XG	KRIS	10530	KB9 YDI	DANIEL	10289	W1 YRW	FRED	5281	N1 ZF	PAUL	11713
N5 XGG	JOE	9974	W8 YDJ	KG	5835	K9 YS	MIKE	5277	W5 ZF	STAN	6183
AA9 XH	ALLAN	8743	K7 YDL	GREG	5364	KR4 YS	JEFF	2914	WA8 ZGL	TOM	6337
W1 XH	AL	8768	KA2 YDT	JACK	1261	KB5 YSG	TOM	11095	KC8 ZGW	CHRIS	11519
N4 XHJ	DAVE	4205	N2 YDU	JOHN	2696	KB5 YSJ	DALE	12031	WB9 ZGW	BILL	11632
K3 XI	TIM	4010	AC7 YE	KEN	10431	N9 YSQ	TODD	11965	N8 ZH	JON	9965
AA0 XJ	JIM	1978	N1 YE	GENE	4001	WA7 YSU	ERIC	2506	N2 ZHF	RANDY	2151
AA9 XJ	BOB	8456	N6 YE	KEN	10657	KG6 YSX	Orange ARC	11445	W3 ZIF	ROYAL	1583
KC9 XJ	DON	8662	W4 YE	LELAND	3929	KP4 YT	JOSEPH	10901	N3 ZIL	JON	5309
W4 XJ	RANDY	11762	W5 YE	BRIAN	4781	N7 YT	BILL	10198	N1 ZIZ	GENESIS ARC	10575
AC5 XK	DON	7634	WB6 YEC	GEORGE	11955	W6 YTB	CHARLES	8404	AA4 ZJ	RAYMOND	11583
K6 XL	PETE	11839	K9 YET	RAY	9943	AD6 YU	LOREN	8599	W2 ZJ	ELMIRA ARA	11000
K9 XL	RAY	8469	K2 YEW	NORMAN	2654	N6 YU	GEORGE	8761	WA5 ZJK	GLENN	4978
N3 XL	BILL	9921	N5 YFC	WAYNE	2550	WB8 YUG	DANIEL	6520	KE9 ZK	KEVIN	9595
VE1 XL	DICK	10687	K4 YFH	JIM	7807	N1 YUK	PERLEY	4274	WA4 ZKM	BRUCE	11332
K9 XLT	ROBERT	6122	K8 YG	AL	9581	WA7 YUL	BOB	11282	N6 ZKT	ERIC	3590
N0 XM	MIKE	10156	KO6 YG	DAN	9115	KG4 YUP	RAILEY	10757	AC7 ZL	PETE	12035
VE5 XM	BOB	0907	K7 YGB	ERNIE	6567	KI4 YV	BOB	2647	KA3 ZLA	BOB	7269
KE3 XN	DAVID	11836	W4 YGE	CHALMER	4646	KC8 YVI	CARL	11861	KD5 ZLB	EDWIN	11880
KS4 XN	JOHN	1965	WA8 YGP	WILSON	11173	N1 YVZ	BRAD	8672	K4 ZLE	JAY	6378
N7 XNH	FRED	2799	W6 YHM	DON	8635	KC7 YWD	JAMES	4111	WA4 ZLK	BRUCE	7693
K2 XOX	CW Operators Cb.	11850	AA6 YI	KEN	12049	K2 YWE	DAN	1726	KA1 ZM	MARTIN	7294
KD6 XP	GARY	10740	WA1 YIH	JOHN	10673	N3 YWQ	STEVE	3926	KC7 ZMN	GUY	5252
W8 XP	GREG	1977	KC8 YIR	MITCHEL	11574	N8 YWX	KIM	6369	W3 ZMN	CONRAD	8634
N3 XPD	MIKE	7279	K6 YIS	GENE	6904	AB0 YX	JEAN	11796	N5 ZMO	RICHARD	11596
K6 XR	REGGIE	10183	N3 YIW	LOIS	3029	WA2 YXH	DAVE	11328	N4 ZMP	ORIN	3082
N5 XRD	RICHARD	3660	N0 YJ	BERT	9936	N1 YXU	LAURIE	3382	K4 ZMV	JIM	10537
N4 XRP	DON	11537	N1 YJ	STEVE	4938	KA0 YXX	BILL	7965	N4 ZN	MIKE	7306
W6 XS	BOB	6921	N8 YJB	EVERETT	1968	VE7 YXX	MICHAEL	10994	K4 ZNC	JOHN	6884
NT4 XT	DARIN	9764	WB4 YJE	LOU	9714	AA0 YY	MARK	2948	N9 ZNC	GENE	10007
N2 XTO	TOM	7313	WA7 YJF	LLOYD	8765	AB5 YY	DOUG	4047	W8 ZNH	BILL	1023
KE7 XU	DICK	11379	AA2 YK	ERNIE	2751	N2 YY	JERRY	1589	W3 ZNK	STANLEY	8747
W5 XU	DAVID	3521	K4 YKI	NORM	2166	N7 YY	BERNIE	4595	K7 ZNP	GARY	9783
W6 XU	JOSH	9341	KB8 YKK	MIKE	10524	WA9 YYF	ED	4921	WA5 ZNU	LEIGH	10797
N3 XUJ	PHYLLIS	6219	KC7 YKT	TOM	11728	KB0 YYG	JACK	4966	N3 ZOC	FRANK	3943
N3 XUK	BRUCE	9904	KB9 YKY	JOE	9563	W9 YYG	AL	5303	WA2 ZOD	KEN	10547
W5 XW	ROBERT	4038	WB2 YKY	TOM	9110	K6 YYJ	HUGH	11432	WB4 ZOF	RUPERT	3688
AA4 XX	PAUL	11241	AE9 YL	VICKY	7388	KC4 YYX	DAVID	12108	W1 ZOO	GARY	6287
AA8 XX	TOM	10925	KP3 YL	MADY	6270	WA7 YYY	Cowitz FISTS	1900	K7 ZPE	ART	2322
K5 XYL	DEE	9488	N3 YL	MARY	8118				WA9 ZPL	STUART	11602
VE9 XYL	IZABELL	11851	N1 YLA	BOB	3068	KC8 YZB	PAUL	11415	N3 ZPO	FRANK	8836
KK5 XZ	BRUCE	7421	N8 YLD	KATHY	5145	AD8 Z	MICHAEL	11616	WA5 ZPP	DAVE	10356
AK7 Y	GREG	10137	KD4 YLG	CHARLES	6535	AE6 Z	SHORTY	5274	AC5 ZQ	BUD	6820
KA6 Y	RICK	9593	KA3 YLZ	MICHAEL	12058	KO6 Z	HERB	4971	KG8 ZQ	JERRY	3053
KC3 Y	BUCK	3369	KG4 YLZ	JAMES	10282	KS8 Z	BOB	10079	N6 ZQ	DICK	10307
KQ4 Y	RICK	11972	K7 YM	BILL	5490	KW5 Z	RON	9505	W2 ZQ	Delaware Valley	5850
KV4 Y	BUD	8138	W0 YMB	ROLAND	9918	NG7 Z	PAUL	5368	W0 ZQJ	KEN	4517
NR6 Y	JOHN	8756	VE7 YMM	MARK	5313	NJ7 Z	MIKE	10693	KA1 ZQR	DICK	1429

KC8	ZQS	MATT	11073	M0	AGO	HARRY	2843	G3	ASG	RAY	2272	ZL2	BLQ	STAN	9068
W1	ZQT	TED	11852	5B4	AGP	TOM	4862	ZL2	ASQ	ERIC	9041	ZL1	BLR	LEN	9061
KB9	ZQU	DUANE	11612	2E0	AGQ	BRIAN	0990	IZ5	ASW	CLAUDIO	7191	DA1	BLS	DAVE	4808
K7	ZR	JACK	2656	M5	AGQ	JOHN	7130	G3	ASX	DAVE	6464	G3	BLS	DAVE	4887
K06	ZR	LEN	9294	ON4	AGY	PIERRE	3798	ZL4	AT	ALAN	9074	M0	BLT	MARK	5501
W5	ZR	BERT	4472	EX2	AH	CHEN	15016	M0	ATA	ALF	8349	M0	BLV	GEORGE	4837
W7	ZRC	ROD	7488	5B4	AHO	BARRY	10851	MW0	ATG	HOWELL	4883	G5	BM	FRANK	2874
KA9	ZRU	STEPHEN	11653	G3	AHS	DAWSON	0265	MW0	ATP	SYD	4820	PA5	BM	BERT	8316
KB9	ZRX	"J"	11636	M0	AHT	WILF	7753	G0	ATR	MIKE	1854	G4	BMH	NICK	10861
N1	ZS	DAVE	11545	G8	AHU	BRYAN	9830	VK5	ATU	DICK	9655	M0	BMN	PAUL	5533
W1	ZS	BURT	12041	G3	AHX	GEORGE	4866	ZL1	ATW	MATT	9010	G3	BMO	BERT	6488
KE6	ZSN	JOHN	4740	EX2	AI	SU	15007	2E0	ATZ	BOB	7754	M0	BMT	DAVE	4880
W0	ZSW	HandiHam System of Minnesota	10073	VK1	AI	GREG	9604	EA5	AUC	CARLOS	3748	G4	BNU	PAUL	2854
KA1	ZT	KEN	8534	ZL1	AIH	KEN	9094	M0	AUI	ROGER	10843	BM1	BNY	LIN	15011
KT4	ZT	JIM	7992	M0	AIR	STEVE	1850	PY4	AUN	DELSON	6406	GW0	BOJ	HOWARD	0689
W1	ZT	GEORGE	11848	2E0	AIZ	TOM	1692	M0	AUR	ALAN	5573	G3	BOK	BILL	3768
K9	ZTV	KENT	9199	EX2	AJ	XU	8983	M0	AUW	DICK	8953	ZL1	BOP	NICK	9631
N2	ZU	MIKE	8712	VR2	AJ	MAK	15018	2E0	AVK	ROY	8992	GB2	BP	CLUB	1890
N6	ZUE	GREGG	12060	ZL1	AJ	JACK	9095	G3	AVL	BOB	0931	M0	BPM	DAVID	7126
N8	ZUM	BILL	4023	JA2	AJE	MASA	8322	ZL2	AVL	BILL	9033	G4	BPO	CLUB	10865
WA5	ZUP	CURTIS	11782	OZ1	AJF	DIETER d2os	9898	ZL2	AVM	BOB	9612	M0	BPT	ROB	5576
N8	ZV	BOB	10168	M5	AJO	MIKE	7714	M0	AVN	ALAN	7186	M0	BQD	LESA	8378
KD7	ZVI	BRAD	12061	ZL4	AJS	ANDREW	9632	M0	AVW	CHUCK	2896	G0	BQI	MO	7151
KD7	ZVQ	DAVID	11242	8V2	AJX	PACO	0771	RZ1	AWG	CLUB	5509	MM0	BQL	ALAN	6057
W3	ZVT	TIM	4227	HA5	AK	GEORGE	8348	GW0	AWN	HARRY	2221	M0	BQT	STEVE	6087
VE5	ZW	DALE also ve7zwa	11485	ZL2	AKV	NEV	9654	M0	AWW	BILL	4881	F6	BQV	RAYMOND	5540
VE7	ZWA	DALE also ve5zw	11485	EX2	AL	JASON	8982	G0	AXE	MIKE	0361	G0	BQV	MARY	0040
WB0	ZWW	JIMMIE	12078	ZL2	AL	LEE	9662	G4	AXH	RICHARD	8381	ZL1	BRS	SID	9013
W2	ZXQ	BOB	8042	ZL1	ALA	JOHN	9628	G0	AXV	STAN	8319	M5	BRY	BRYAN	8345
W9	ZXT	NICK	11514	GW4	ALG	STEVE	10885	M0	AXV	MAX	3719	VK5	BSC	BRIAN	9601
N9	ZXW	DAN	11122	G0	ALH	STAN	1671	G0	AXZ	BILL	6000	ZL1	BSG	KEITH	9000
W4	ZY	BOB	9520	ZL2	ALJ	TONY	9657	M0	AYF	DES	8311	ZL2	BSJ	WILBERT	9637
WA9	ZYC	DAVID	12006	M0	ALK	RICHARD	6433	7J1	AYH	ERIC (KC5JEV)	1441	MI0	BSU	DENIS	4845
W4	ZYD	MIKE	6568	M0	ALO	DON	2839	M0	AYI	GLENN	4844	VK6	BT	BOB	9611
W4	ZYT	DON	3381	M0	ALX	MARK	2877	M0	AYQ	JIM	9602	G0	BTB	GRAHAM	7750
KB2	ZYU	EDDIE	5899	2W0	ALZ	DAVE	3740	M0	AYX	TONY	10856	M0	BTG	GILLIAN	5542
AG4	ZZ	WAYNE	10502	EX2	AM	WU	8980	ZL1	AZE	BRIAN	9078	M0	BTY	PETER	4884
N4	ZZK	AL	4225	YL3	AMK	HARRY	15002	LY3	BA	GEDAS	0984	M0	BUI	LES vk4bui	9617
W5	ZZM	JACK	5432	IZ0	AMM	LORENZO	3777	BM1	BAE	WILL	15010	VK4	BUI	LES m0bui	9617
W6	ZZT	BILL	5340	ZL2	AMM	STAN	9023	GX0	BAR	CLUB	8359	G4	BUS	REG	1834
UK, EUROPE, ASIA, EAST ASIA, S.E. Pac, ZL, VK				G3	AMO	JOHN	2848	M0	BAU	GEOF	7700	M0	BUV	TONY	6422
BU2	AA	ZHI	15006	JA1	AMP	JEAN	9836	ZL1	BAV	CHARLIE	9642	M0	BVE	DAVE	7173
EX1	AA	LIN	15004	UA0	AMW	GEORGE	0836	VK3	BBN	JOE	9653	M0	BVF	George	8355
RW3	AA	SLAV	0824	EX2	AN	LEE	8981	GM0	BCA	DAVID	8371	GW4	BVJ	RICHARD	4896
M5	AAQ	JIM	7144	ZL1	AN	GARY	9008	M0	BCH	BOB	2867	M0	BWA	MARK	5566
ZL1	AAR	GWYNNE	9028	ON4	ANE	BERT	0435	VK4	BCM	BEVAN	9053	G4	BWJ	BARRIE	1378
DL9	AAS	WILLI	8317	M0	ANL	ANDY	2831	JA2	BCQ	KAZ	8959	M0	BWP	ROGER	5537
G4	ABE	JIM	6426	M0	ANQ	JIM	2842	ZL2	BCW	MIKE	9079	G4	EXQ	ALAN	7187
M5	ABN	PETER	6423	2E0	ANS	MAURICE	8914	M0	BCZ	ROY	2875	G0	EXV	DAVE	0261
ZL2	ABZ	JOHN	9005	M0	ANV	DARYL	2270	M0	BDD	DERRICK	1860	G0	BYA	STAN	0746
BU2	AC	HSU	15013	ZL1	ANY	STEPHEN	9055	M0	BDG	ALEX	1813	G4	BYJ	HASSO	9849
EX1	AC	RABBIT	15003	M0	AOB	JOHN	2885	ZL1	BDG	FRANK	9014	M0	BYJ	BOB	8973
M5	ACD	GORDON	7703	ZL2	AOH	RALPH	1073	2E0	BDU	ARTHUR	9861	G4	BYM	BRIAN	9817
ZL2	ACJ	CRAIG	9063	G0	AOL	GILL	0280	JJ1	BDX	KENJI	8962	M0	BYN	ALAN	5558
M0	ADB	NORMAN	7135	ZL1	AOM	MALCOLM	9096	G3	BEC	NOBBY	7758	MW0	BYS	BILL	8396
G0	ADE	BOB	6083	HL5	AP	CHO	7181	ZL1	BEG	KEN	9098	RA3	BZ	SERGEJ	10892
M5	ADL	ADRIAN	6460	RX3	AP	YURI	8986	G4	BEQ	DOUG	8353	M0	BZF	JIM	5507
M5	ADQ	BRIAN	8394	VK4	AP	WARWICK	9058	G3	BEX	JOHN	8913	M0	BZN	LOU	5508
EX2	AF	LIOU	8979	ZL2	AP	JOEP	9025	G0	BEY	SCOTTY	1184	G4	BZP	LARRY	6044
LZ1	AF	DIMITR	0416	EA1	APA	FRAN	2818	2E0	BGD	BRIAN	7741	M0	BZU	NORMAN	6082
VK6	AF	BARRIE	9615	M0	APB	KEN	2888	2E0	BGH	JOHN	8966	DL3	BZZ	LUTZ	1640
PA3	AFF	PIET	0445	2E0	APG	GARY	9863	ZL1	BGS	TERRY	9643	MW0	CAB	IAN	5560
2E0	AFP	BOB	10841	ZL2	APO	PETER	9060	M0	BHA	CHARLIE	8362	M0	CAD	BRIAN	1370
M5	AFS	PETER	7100	M0	AQF	RICHARD	6490	M0	BHE	MAL	6446	MM0	CAE	JIM	8338
VK4	AFW	FRANK	9639	M0	AQG	KEN	2897	M0	BHK	GORDON	7112	M0	CAJ	DOUG	5532
VK6	AFW	TONY	9607	G4	AQZ	GEOFF	7768	ZL1	BHQ	JOHN	9625	VK8	CAW	KARL	9621
ZL2	AGI	FRANK	9002	DK1	AR	HEINZ (ta4zt)	8390	ZL2	BIL	BILL	9003	ZL2	CB	CHAS	9645
M0	AGL	JIM	2857	ZL1	ARB	PETER	9658	ZL1	BIQ	KEITH	9009	MW0	CBD	WILL	9805
M5	AGL	BOB	6493	EA5	ARC	JOHN	10879	ZL2	BIT	JOE	9021	G4	CBG	ROY	0161
				G4	ARI	TIM	9853	EA3	BJE	ALEX	7789	ON4	CBI	CHRISTI	6053
				ZL1	ARW	JIM	9006	G4	BJM	FRASER	0044	ON4	CBK	MARTIN	2858
				G4	ASA	DAVE	8363	G4	BKQ	ROY	7188	DL1	CC	WOLF	1181
				VK2	ASB	ARTHUR	9082	G4	BLI	ALAN	1637	MX0	CCF	CLUB	6499
				G4	ASE	RON	9884	M0	BLM	ARTHUR	2271	ZL2	CD	BILL	9004

M0	CDP	MAURICE	8936	F6	CZC	LEONCE	1371	M5	ENM	ROGER	9823	G3	GC	ERIC	0068
ZL2	CDH	NIGEL	9652	SM5	CZQ	KEN	9887	G0	ENV	ALAN	0202	GW4	GCB	PETER	0657
M0	CDL	JOHN	5592	G3	DAC	ALAN	0024	G4	ENW	ALAN	7737	V85	GD	GREG(ZL3GD)	9075
M0	CDP	PAUL	5579	G0	DAF	JIM	0795	EI2	EO	MIKE	10849	ZL3	GD	GREG(VK4PG)	9075
G0	CDQ	MAURICE	0207	M5	DAP	DAVE	8333	G0	EOK	PAUL	5531	G10	GDF	ERNIE	0552
ZL1	CDX	GEORDIE	9048	EA4	DAT	JUAN	9895	M0	EOS	ALLEN	8960	3B8	GE	RAJ	4834
DL9	CE	FRED	6457	M0	DAW	DAVID	8351	G3	EQM	THEO	6487	G0	GFG	MARK	0113
ZL3	CE	IAN	9099	HB9	DAX	FRED	7138	VK2	ER	ROSS	9072	G4	GFQ	RON	0894
UA1	CEX	VIC	10857	ZL2	DB	TONY	9064	G4	ERA	DOUG	2849	G0	GGE	PETER	0700
3B8	CF	JACKIE	0951	VK3	DBD	DAVID(g3acd)	3756	M0	ERG	CLUB	9838	G0	GGU	CLUB	0491
OH2	CF	MATT	3791	M0	DBO	NIGEL	8370	GM0	ERV	SHIRLEY	0107	VK2	GIF	HARRY	9659
M0	CFD	NICK	6023	M0	DBW	JIM	10846	EI9	ES	PETER	10858	DL1	GJN	JEURG	0948
G14	CFQ	GARY	7748	HB9	DCL	FRANK	8364	M0	ESU	MERVYN	8386	G4	GJY	SID	1667
VK3	CGB	CHRIS	9087	G0	DCO	MIKE	7145	I23	ESV	TONY	9877	G0	GKE	LES	0197
M0	CGO	RICKY	6026	G3	DCO	BRIAN	2856	GW0	ETF	STEW	9883	G0	GKP	JOHN	9886
M0	CHL	DAVID	7184	ZL1	DD	BARRY	9029	SM4	ETF	BERNT	8352	JH1	GKW	KOH	7752
G0	CHV	MIKE	0090	MW0	DDE	ANDY	9871	M0	ETS	COLIN	8373	OE5	GM	GUENTER	7114
G0	CHZ	MAC	7166	G0	DEB	DAVE	0380	M1	ETU	HUGH	8334	G0	GMA	PATRICK	10821
MW0	CHZ	DAFYDD	8990	GW4	DEP	DAVE	5527	G0	EUD	CHARLIE	0067	M0	GMF	MEL	8372
G4	CKH	GRAEME	8930	M0	DEV	MARK	9851	2E0	EUK	FRED	9870	I22	GMT	FABIO	10890
G4	CLD	GERALD	10852	ZL3	DF	MALCOLM	9614	OZ1	EUO	LEIF	3728	G4	GMZ	JOHN	7719
JE1	CLH	/ZL MACK	9012	I20	DGI	CHARLIE	10864	G4	EVI	JOHN	9825	G0	GPM	JOHN	0412
M0	CLO	KEITH	7706	M0	DHN	GLYN	9862	GW4	EVL	TOM	6050	G3	GPZ	PETE	0613
M10	CLP	MARTIN	6485	G3	DIC	CYRIL	6090	G0	EVV	DAVID	0550	GW0	GQC	BRIAN	0671
M0	CLX	GEORGE	9885	G0	DJA	DAVE	1372	ON5	EX	JOHAN	10801	G4	GQL	ALAN	10860
G3	CMJ	REG	7721	GM0	DJI	DANNY	0312	DL7	FA	ANNE	10825	GW3	GQN	BILL	10835
M0	CMQ	MARK	7701	G3	DKN	TOM	4874	G4	FAI	TONY	0029	JP6	GQN	KUN	5585
G4	CMY	TONY	1626	VK2	DLF	GEORGE	9052	MU0	FAL	COLIN	5512	G0	GQX	MEL	7781
ON6	CN	CARLOS	10838	SV1	DLS	COSTAS	4803	PA0	FAW	FRED	9858	G4	GSA	PETE	1856
M0	CNP	DAVID	6424	JA2	DNA	YOSHI	6038	DL8	FCO	WERNER	1183	G0	GSJ	DAVE	8376
M0	CNU	TOM	7141	G4	DNB	BILL	0058	G0	FCR	BERT	10878	GW3	GSJ	EDDIE	9811
M0	COC	RON	8902	G3	DOV	DEREK	0175	G3	FD	DERMOT	10870	G0	GSQ	GEO	0266
M5	COL	COLIN	7774	G4	DPV	STAN	6015	G0	FDJ	KEITH	1348	G0	GSW	VICTOR	0042
VK2	COX	RAY	9641	VK7	DQ	GERRY	0957	VK2	FDU	FISTS Down	9610	G0	GSY	BRYAN	6403
M0	CPF	BOB	7103	DL1	DRA	ACI	1077			Under Australia		G4	GUA	JOHN	0467
G0	CPZ	BRUCE	10840	M0	DRB	BRIAN	9843	ZL6	FF	FISTS Down	9600	G3	GUR	JOHN	1819
JA1	CPZ	HIRO	6096	SM7	DRH	CLEM	0973			Under New Zealand		GW0	GUY	ELWYN	1685
M0	CQG	MIKE	10812	M0	DRK	DEREK	8344	G2	FFD	DAN	1149	EI7	GW	JOE	8938
G4	CQI	DENNIS	2879	G0	DRT	PETER	0652	M1	FFO	SANDY	9860	G0	GWD	ALAN	0817
I21	CQN	ENZO	7190	EI5	DS	NED	9852	G0	FGE	BASIL	6458	2E0	GWR	BRIAN m0swl	7136
G3	CRC	CLUB	8301	DL1	DSA	ANDY	4859	G0	FGE	DAVID	9088	TF8	GX	GULLI	10822
M3	CRD	CLIVE	8964	EL2	DT	DICKSON	1827	VK2	FGE	DAVID	0433	VK5	GX	PAUL	9634
M0	CRO	GEOFF	6434	M0	DTB	TERRY	10813	G0	FGW	RON	0433	G3	GXQ	WALLY	0947
G14	CRQ	KEN	1064	G0	DTR	IAN	7193	GM0	FHD	ERNIE	4863	G0	GYV	PETER	1601
G3	CSC	SAM	0339	M0	DUB	CHRIS	9807	G0	FHK	RAY	0712	G4	GZG	LARRY	0627
M0	CSD	TOM	7140	G0	DWJ	NEV	5530	OZ1	FII	HANS	7745	GM4	GZQ	JOHN	9800
ZL1	CT	CHRIS	9648	TF3	DX	VILLI	1658	G3	FLJ	FRANK	6475	G3	HAL	POL	8367
M0	CTD	DAVE	7170	G3	DXV	BRIAN	3737	G0	FIP	ELLA	0215	ZL3	HAM	TONY	9015
VK2	CTN	CHRIS	9057	G4	DYG	PETE	1182	UT4	FJ	ALEX	0678	G0	HAU	TED	0277
M0	CTO	NORMAN	7159	G2	DZF	JIM	0422	G4	FJC	RICHARD	0988	G3	HBN	JIMMY	1199
MM0	CTS	RON	8969	AH2	E	TAKA (Listed by JA calls also)	15014	JM6	FMW	NAKA	5545	GM3	HBT	TOM	0033
M0	CUQ	GRAHAM	7765	PC8	E	HANS	5588	G0	FOD	NEV	0308	GW4	HDB	MIKE	8925
M0	CUT	STEVE	7152	PA3	EBA	JAN	0827	PA3	FOY	GERRIT	3795	G2	HDF	CLUB	7782
ZL1	CV	ROB	9633	G4	EBK	GEORGE	0804	G3	FPB	JACK	0406	GX2	HDF	CLUB mx5hdf	8340
G0	CVH	VINCE	0048	VK4	EBP	JOHN	9007	OK1	FPG	GEORGE	3710	MX5	HDF	CLUB gx2hdf	8340
M0	CVR	DAN	8922	MW3	EBS	TED	8948	G3	FPY	ERIC	1331	G3	HEL	JACK	1663
MW0	CVT	ROBERT	7196	G0	EBW	DAVID	0421	G0	FQI	DON	5511	GM3	HEN	TONY	0122
ON9	CVV	MARK (ka0rvv)	8026	JE3	ECD	HIDE	8967	G0	FRL	BOB	0390	G0	HFI	GORDON	0609
9A0	CW	CLUB	7795	JR0	ECQ	TOMO	8954	G2	FRY	ALEX	8374	M3	HFL	PAT	10887
EW6	CW	VAL	1338	G3	ECS	KEN	1335	MW0	FRY	DICK	10874	G0	HFX	CHRIS	0236
PC7	CW	THEO	6477	M0	ECS	STEVE	8354	G2	FRZ	BILL	3758	G0	HGA	ANGIE	0041
M0	CWA	BRYAN	9840	M1	EDF	GEOFF	10866	G0	FSP	JOHN	4838	VK2	HGQ	TERRY	9660
G3	CWI	RIC	7160	G4	EEH	DON	10833	G0	FSQ	JOHN	8368	G0	HHL	PHIL	0429
MM0	CWI	CRAIG	8320	G4	EEM	BOB	0724	G3	FTK	LES	1641	G0	HIS	DAVE	1071
I20	CWN	VINCENT	9857	GX3	EEO	CLUB	7101	JO3	FUO	KENJI	8962	G3	HJF	JIM	8341
G3	CWW	TONY	0595	G0	EEZ	CHARLIE	10814	G0	FVS	JIM	0628	GM0	HKS	WILLIAM	1876
M0	CWY	GARY	8383	G3	EFY	TOM	6034	DH2	FW	FRANK	7759	G2	HKU	TED	0841
GM4	CXP	DEL	10871	BV1	EG	LIN	15005	G2	FXS	JOHN	4898	GM0	HLP	IAIN	0535
LZ1	CY	ANGEL	6418	I20	EHR	AUGUSTO	10847	EI5	FY	BILL	0846	EI7	HM	BRENDAN	0863
OH1	CY	TAPIO	6415	GD4	EIP	COL	8941	G4	FZS	MAURICE	9869	GM0	HMR	STUART	9859
ZL1	CY	DONALD	9032	G4	ELG	DON	7732	G0	FZX	RON	6463	M0	HOP	JOHN	8945
ZL1	CYK	DEREK	9036	G0	ELZ	BILL	4818	G4	GBG	PAUL	0637	JO3	HPM	NAO	15008
GQ	CYO	GRAHAM	8332	G0	EML	RAY	3774	M3	GBT	GRAHAM	8947	PA0	HPV	HENK	7755
E10	CZ	BREN	0632					G4	GBX	WANDA	0514	M3	HQD	ROB	10873

OZ1	HQG	RYAN	4807	HB9	JNV	HERMANN.	4890	GW0	KZK	BRIAN	2288	G4	MSR	JEFF	0357
G4	HSO	PETER	8906	VK3	JOB	JOHN	9613	G0	LBT	KEN	1897	M15	MTC	MICK	7743
GU4	HUY	ROGER	9820	SP6	JOE	JOE	0764	ON4	LBV	WILLY	5543	GW4	MTE	RICHARD	10844
G0	HUZ	TONY	7127	G4	JOK	BOB	8956	M3	LCM	LYNDA	9813	DL8	MTG	KLAUS	2200
GM3	HVT	JIM	1628	G0	JON	JOHN	0774	G0	LDM	MALCOLM	10829	G0	MTJ	JOHN	0873
G4	HWK	FRED	6470	JM1	JOT	JUN (k6kf)	9117	G3	LDY	RON	8391	G4	MTQ	TONY	9888
GM4	HYF	GEORGE	0243	EI2	JP	RON	10883	ZL1	LE	BRIAN	9011	ZL2	MUI	BOB	9090
G0	HYT	PATRICK	0220	VK6	JRB	JOHN	9054	PY2	LEC	LUIS	8326	M0	MUZ	MURRY	6420
G3	HZL	DON	0410	M3	JRI	JOHN	8995	G4	LEG	PETER	9824	G0	MWU	BRIAN	0701
9A5	I	IVO	6461	G0	JRN	ART	0295	UA4	LFR	ALEX	1828	JG0	MWU	KEN	15015
G0	IAL	ROD	0348	G3	JRY	SELWYN	3761	G4	LGA	DON	0642	G8	MYI	GEOFF	2274
VK2	IAU	JOHN	9091	VK3	JS	IAN	9616	GM3	LGM	BILL	0564	G0	MYP	DAVE	3780
G4	IAV	BOB	1140	SV1	JSB	ANDREAS	10837	I1	LGR	LUIGI	8987	GW0	MYZ	JOHN	2853
G4	IBH	DAVID	8961	G3	JTO	ERIC	0766	G4	LHI	PETER	2219	G3	MYZ	PETER	8996
G3	ICH	PETER	6442	G3	JTS	TOM	1681	GW3	LHK	GWYN	1125	G4	MZS	TOM	0150
G3	ICO	GEORGE	7725	GM3	JUD	CHAS	0057	G0	LHZ	JIM	1155	2E0	MZX	ALAN	10828
LA1	IE	OTTO	0289	G4	JZM	CHARLES	1688	G3	LIK	MICK	8337	DL4	NBE	LEO	0446
G0	IEE	KEITH	3767	G0	JZY	RALPH	0546	G0	LIU	GEORGE	0816	G4	NBI	LES	2297
2E0	IFJ	ANTHONY	9803	G3	KAN	ALAN	7134	G4	LJI	ROBIN	7107	G4	NCU	MIKE	6061
ZL1	IG	JACK	9043	ON4	KAR	RENE	0369	G4	LJU	COLIN	0099	G0	NDT	PAUL	0653
ZL2	IH	IAN	9027	G0	KCA	JOHN	0200	G4	LJZ	STEVE	4873	RN1	NDV	JERRY	0832
G0	IHY	JIM	5524	G4	KCB	GEORGE	0080	VK1	LK	ERNIE	9608	M0	NFM	DON	7724
F6	IIE	MAURICE	0014	OZ7	KDJ	KLAUS	2851	G3	LME	KEN	7735	G6	NHY	KEITH	8989
G0	IIK	NIGEL	0172	G3	KEF	TOM	1839	GW3	LNR	ART	8377	ZL1	NI	BRYAN	9647
G0	IJE	DON	0509	G3	KEG	CLIFF	7788	G0	LOE	STUART	0625	9A6	NKN	MILAN	9880
G0	ILN	RICHARD	0398	G3	KEK	GEORGE	9868	M0	LOG	LOGAN	8935	GW0	NLB	SAM	0983
EI3	IM	PAUL	3754	G4	KEW	BOB	0275	G5	LP	LIONEL	0731	J12	NNJ	NAO	8321
VK4	IM	ADAM	9619	M0	KEY	BARRY	9882	PA0	LPE	BERT	7756	G0	NNO	JOHN	0478
ZL4	IM	JOHN	9638	LZ5	KF	CLAUDE (Spbl)	7722	G0	LPF	RICHARD	0960	G0	NOB	LIONEL	0785
G3	INA	RON	0097	ZL1	KF	LES	9627	G3	LPS	ERIC	1398	F5	NQL	MAURICE	1816
G0	IOF	GRAHAM	0231	G3	KFG	BERT	3709	G3	LPU	TED	7760	OK1	NR	JAN	8968
G4	IOT	TONY	7182	G4	KGD	ROY	8307	G4	LQO	BILL	5581	M3	NSB	ALAN m0avn	7186
VK2	IOW	PATRICK	9609	G4	KGF	GEORGE	6451	ON4	LR	FRANS	6419	G4	NSP	KEN	10876
GX0	IPX	HQ CLUB	0001	G4	KGG	PETE	7165	G3	LRS	Leicester Radio Society (Club)	6411	G8	NT	DICK	0426
MX5	IPX	CLUB	7778	M0	KGK	DUNCAN	10815	GD3	LSF	STAN	6059	F5	NTP	CLAUDE	2275
G0	IRL	AUDREY	0510	JJ8	KGZ	LEO	4843	G0	LSH	ALAN	0508	G0	NTR	JIM	0264
G0	IRO	BRYAN	1823	G0	KHH	ARTHUR	7728	G3	LUB	DAVID	4826	G0	NVY	PETER	1316
GW0	IRP	COLIN	0690	GM3	KHH	BILL	3794	G3	LUB	DAVID	4826	GX0	NWM	CLUB	8908
G3	ISK	KEITH	3792	I5	KHX	DANIELE	1885	G0	LUZ	SUZANNE	7128	G0	NYX	PAUL	0799
G3	ITB	TOM	5575	G0	KHY	JOHN	0487	G3	LUZ	FRED	0444	G6	NYC	NOBBY	10859
G0	ITS	ROY	0498	G3	KII	DEREK	7115	G7	LVD	FRANK	10823	G3	NYV	WALT	8398
G3	IUC	BOB	4814	TF3	KJ	KARL	10850	G0	LWI	FRANK	0901	M0	NZA	ROBIN	7764
G0	IUM	JIM	4811	SM7	KJH	CHRIS	0017	G3	LWT	PETER	8387	DF2	OA	DIETER ozlajf	9898
CT1	IUW	DON	10868	G4	KJJ	JOHN	1630	G3	LWU	DERRICK	1608	G4	OAB	MAL	8942
G3	IVF	SMUDGE	1614	GW3	KJN	IAN	8940	G0	LYY	JOHN	0696	G3	OAG	STEVE	6043
ZL3	IX	GREG	9644	G3	KJX	BRIAN	8924	G0	LZL	DAVID	0587	GM3	OAV	DOUG	0562
G4	IXI	TREVOR	1141	G4	KKI	BILL	7709	ZL1	MAD	DUSTY	9051	ZL2	OB	DES	9092
GW0	IXP	REG	5515	G3	KKQ	DENNIS	10827	GB2	MC	CLUB	6063	G4	OEC	MAC	0578
G0	IYZ	CHRIS	2889	G4	KLF	TONY	1198	G0	MCE	BOB	2829	G3	OEP	DAVE	5547
G0	IZW	DEREK	1302	G3	KLT	IVAN	10808	G3	MCK	GERALD	0230	J86	OFT	SHIGE	15012
ON7	JA	JAN	10839	G3	KMC	ALAN	10809	VK5	MD	JOHN	9605	GW0	OGI	IAN	9894
SM5	JAB	MICKE	8379	G3	KMG	DAVE	0124	M0	MEC	MIKE	9892	G0	OGU	MICK	3751
G3	JAG	JOHN	6036	M3	KNF	MIKE	10880	G3	MEY	JACK	10831	G4	OGW	DAVID	3785
DL2	JAW	FALKO	3778	JF3	KNW	NOBU	15001	9A4	MF	MIRO	8313	PA0	OI	GERRY	6437
G0	JAY	ANDY (ei5jf)	0311	G3	KOJ	RAY	3733	ZL1	MH	MIKE	9038	G4	OIV	DON	0551
VK4	JAZ	GRANT	9635	G4	KPN	BRUCE	2242	JL8	MIL	JUN (jmljot)	9117	G0	ONS	JIM	0741
MM0	JBS	JIM	8303	G3	KQN	JACK	0699	G0	MJG	STUART	10826	GW0	ONU	DENNIS	10848
M3	JCA	COLIN	9873	G0	KRT	ERIC	0133	M0	MJG	MICHAEL	7142	G0	OOD	TIM	1350
M0	JCT	JACK	8310	G1	KRU	ARTHUR	10830	G3	MJX	TONY	1893	2E0	OOO	CLUB	7777
EI4	JD	MARK	8994	JQ2	KST	KENJI	8962	ZL1	MK	DON	9034	GX0	OOO	CLUB	1000
UA6	JD	VLAD	1385	G3	KSU	ALAN	6089	M0	MKA	TONY	9842	GX7	OOO	CLUB	1000
EI5	JF	ANDY (g0jay)	0311	GW0	KTL	GARY	10889	M0	MKC	MALC	10884	G0	OOS	LEN	9867
EI8	JF	ROGER	10882	G3	KUL	DOUG	0840	G0	MKJ	KEN	1390	G0	ORA	JOHN	6492
G3	JFS	PETER	8985	GW4	KUS	BERT	0856	M5	MKW	MARK	9872	G0	ORS	CHARLES	0852
GW0	JGJ	TOM	4875	JJ0	KUS	MURA	15017	G0	MLA	ERNIE	0606	G4	OSB	TOM	0579
MM3	JGT	JOHN	9899	G13	KVD	DAVID	8392	M0	MLD	DAN	10816	G0	OSR	OLIVER	1178
G0	JIT	DICK	1136	OK1	KW	MILAN	4827	G0	MLM	TIM	10875	GM4	OSS	STEVE	0251
ZL2	JJ	PETER	9624	G0	KWD	KEITH	0525	G4	MLW	IAN	0130	G0	OTE	ERIC	9850
G4	JKW	ALAN	1132	M0	KWV	MARTIN	9855	G3	MNS	IAN	8993	G0	OUT	STUART	9865
G3	JKY	JAKY	6462	G4	KXG	KEN	0938	G4	MOI	DOUG	8928	G0	OUI	BILL	0888
G2	JL	MORT	8970	G0	KYA	STEVE	8358	I1	MQ	ADA	9891	G0	OVS	JIM	0822
G0	JLX	ANDY	0358	G0	KYC	ALAN	0513	G0	MRH	RON	1327	HB9	OX	CLAUDE	4849
G3	JME	MIKE	7175	G3	KYF	KEITH	5591	M0	MRR	MARK	10872	GM3	OXX	GEORGE	7174
G3	JMZ	JOCK	2865	G0	KZA	ERNIE	0738	G4	MSQ	FRANK	9881	ZL2	OY	RON	9035

VK3	OZ	PAT	9070	G0	RGV	RICHARD	0981		Radio Club		GW0	UKF	JANET (reassign 2852 gw0opy SK)		
F5	PBL	CLAUDE(lz5kf)	7722	M0	RHB	ROD	8907	G0	SWU	PETE	1389	G0	UKX	RAY	1618
M3	PBZ	PAT	9802	G3	RHP	JOHN	1879	JG0	SXC	MAN	8934	G4	UKZ	RAY	0148
ZL1	PC	PAUL	9073	G4	RHR	KEN	2248	G0	SXG	KEITH	1138	G4	ULT	LES	0675
M0	PCB	IAIN	7194	G4	RHT	GORDON	10800	G0	SZR	BRIAN	10805	G4	UN	JUREK	9816
ZL1	PD	ALISON	9623	G0	RIQ	DOUG	2255	DJ5	TA	AMDRE	10863	EA6	UN	JUREK	9816
G0	PDM	MIKE	1343	G0	RJM	ALAN	9845	GW0	TAU	PAUL	8315	G3	UNM	ALF	7111
G0	PEH	TONY	1657	G0	RKD	STUART	0971	G0	TBB	BOB	1135	DL4	UNY	ANDRE	10877
G8	PG	GUS	9848	G0	RKT	DAVID	1066	G0	TBD	TERRY	1163	I1	UP	GEORGE	5549
VK4	PG	GREG(ZL3GD)	9075	GB2	RL	CLUB	8933	M3	TBG	TIM	8976	G0	UPL	HANS	8957
VK6	PG	ALAN	9018	G3	RLF	DON	7720	IK5	TBK	Steve	2247	G0	UPU	ROGER	1643
G3	PHU	SAM	10807	G0	RLW	ALAN	0902	G0	TCF	PETER	1340	G0	UQF	GRANT	1383
GM3	PIP	PETER	1883	MW0	RMS	DEN	8972	G3	TDL	RICH	8926	G8	UQV	FRANK	8380
GW0	PJX	CHRIS	0950	IK2	RMZ	MARTIN	0853	G7	TDL	CHARLES	6486	G3	URA	DICK	7167
G3	PLE	DUKE	9897	M0	RNA	STEVE	10891	G3	TDP	ANDY	8931	G10	USC	JOHN	1387
G3	PLJ	PETER	6031	G3	RNB	STAN	3731	2W0	TDU	TREVOR	9896	JK7	UST	HIRO	7178
GB2	PLY	HMS Plymouth	6092	G3	ROC	REX	8330	2E0	TED	GRAHAM	10819	G0	USY	KEN	3738
JR2	PMQ	NOBI	15009	G0	ROS	RICHARD	8365	G3	TEV	MIKE	8971	G0	UTH	TOM	2895
G3	PNF	DENNIS	6086	G7	ROY	CLUB	0999	G3	TFV	ED	4828	G0	UUA	WARWICK	1683
GW0	PNI	DAVE	1053	ZL1	RP	CLIFF	9661	G0	TIP	GEORGE	0940	JA8	UUM	MASA	15019
G3	PNU	TED	9866	MW3	RPK	HENRY	9878	M0	TIK	ROB	10817	G0	UUU	PHIL	6483
G0	POJ	JUDY	0883	G4	RQA	TOM	0036	VK4	TJ	JOHN (VE6XT)	9080	G4	UUV	PETER	0376
G0	POT	MICHAEL	9875	M3	RRH	ROBIN	9834	G0	TKT	PETER	1126	GW0	UWM	JOHN	1810
G4	PPG	JIM	1189	G3	RSF	ALAN	1877	G3	TLF	FRED	1853	GM3	UWX	JIM	7793
G0	PPI	DEREK	1639	G3	RSP	ALAN	1847	M0	TLT	TREVOR	8946	G0	UZH	STEPHEN	1829
G1	PPK	JOE	1375	M0	RSY	ANDREW	9801	G0	TLU	PETER	10803	VK3	VB	PETER	9071
G4	PPK	CLIVE	0244	GW3	RVG	DON	7195	CO6	TM	TOM	9854	G0	VBT	HOWARD	1682
G4	PPV	GRAHAM	0134	G0	RVK	MIKE	7156	G13	TME	ROBERT	5514	GM0	VCQ	JIM	2299
DJ1	PQ	ROB	6022	G0	RWB	ALAN	10804	M0	TMK	COLIN	10862	G0	VCY	PHILIP	2277
G0	PQU	CYRIL	1676	G4	RWP	EDI	0286	G0	TMX	TERRY	1862	DL1	VD	KLAUS	2823
G4	PRL	ROY	8997	G3	RXH	HOWARD	8918	G0	TNU	GRA	8339	G0	VDI	JOHN	1840
VK2	PS	STEVE	9022	GM3	RXU	IAN	10836	G0	TOC	MARC	10810	G3	VDL	JOHN	0059
G4	PTE	KEN	0723	GM7	RYK	GORDON	10824	M1	TOP	TOPY	8923	G3	VDV	NEVIL	9815
ZL3	PTP	PAUL	9650	G3	RYZ	MICK	6081	G4	TPV	GEORGE	9879	G0	VDZ	NIGEL	10806
M0	PTR	PETER	8369	PA9	RZ	ROBERT	1377	G0	TQT	JOHN	1381	G0	VEI	BAZ	3752
GW4	PUC	RAY	6466	MW0	RZC	GEORGE	10842	G8	TQV	RS	10811	GW0	VEM	ALAN	6047
M0	PVP	BRIAN	9837	M0	RZZ	KEN	9835	G0	TRD	TROND	10802	GW3	VEN	ALAN	9804
DJ7	PW	WOLF	8395	ON6	SAS	PHILIP	10853	G3	TRU	HARRY	2233	G0	VFF	BOB	1684
HA7	PW	LACI	10886	GW3	SB	CHARLES	0345	JE1	TRV	ATSU	7763	G8	VG	PETE	7731
ZL4	PW	PAUL	9636	G0	SBH	TED	1655	M0	TRV	TREVOR	7769	G0	VGF	DAVE	1852
G4	PWM	DAVID	2899	G4	SCB	MIKE	9874	G3	TSK	COLIN	6409	G3	VGR	DAVE	7180
GW4	PWZ	PETER	0876	G0	SCP	TOM	4885	G3	TTB	PETER	2264	G3	VGU	JOHN	8919
GM0	PXV	PETER	1057	G0	SDD	CHRIS	2891	G4	TTF	CLUB	6471	F5	VGY	HANS	7766
I7	PXV	VIN	1342	G0	SDO	DAVE	5565	G3	TTH	TEX	0995	G4	VHH	FRED	0219
ZL1	PY	ROD	9622	GW0	SDO	DAVE	2861	2E0	TTP	GLYNN	9846	G3	VHL	HUGH	10818
G3	PYH	ARNOLD	6051	DL5	SE	DAN	3764	G4	TTX	ROY	9893	G4	VHM	MIKE	7749
EA5	QB	JOSE	8909	M3	SEN	JIM	10854	G4	TTY	TED	6412	GM0	VIT	BILL	1665
VK3	QB	sm0yks CHRIS	9085	G4	SFN	JIM	8384	G3	TUX	CHRIS	1307	G0	VJJ	STAN	1824
VK4	QC	PETER	9626	GW0	SGG	BILL	1602	JR3	TVH	TAKA	15014	G8	VL	IAN	0890
OH7	QR	ERKKI	8318	G0	SGQ	MALCOLM	6004	G3	TVI	ROD	0747	G3	VLU	EDDIE	2213
ON6	QS	GIL	8323	JL3	SIK	JEAN	9836	VK7	TW	JUSTIN	9077	G4	VLW	ROGER	3789
JR0	QWW	TARO	5578	G3	SIO	JIM	3796	ZL2	TW	STUART	9086	G0	VMM	PETER	2882
PA7	RA	RIEN	9819	G4	SIS	RON	6410	M0	TWA	DAVID	9856	G3	VMP	BRIAN	6407
G4	RAP	VIC	0064	G3	SJE	JOHN	0391	GW0	TWL	MARTIN	9890	GW0	VMR	PAT	7157
M5	RAR	RAY	8944	G0	SLZ	ALAN	10820	ZL2	TX	NIGEL	9040	GW0	VMX	KEN	8927
9A4	RC	ROBERT	8393	9A3	SM	MATO	7785	G3	TXK	CHRIS	2881	G3	VNG	DAVE	1097
VK4	RC	/VK4IZ Redcliffe	9066	G0	SOP	ANDY (palsop)	8988	IK1	TXL	MIKE	5504	G4	VOJ	ART	0007
		Amateur R. C.		PA1	SOP	ANDY (g0sop)		G0	TYH	PETER	8917	GW3	VOL	JEREMY	4876
G0	RCB	TED	1687	G4	SOZ	DEREK	7704	G0	TYM	TIM	3713	G3	VQO	LES	0874
G0	RCE	KEITH	1054	G14	SRQ	GEORGE	0662	OH3	TZ	TIMO	7109	G0	VQW	SANDY	3739
G4	RCG	JOHN	4829	M0	SSF	PETR	7708	G3	UAA	ALF	5519	I2	VRF	GIAN	8325
GW0	RCG	RON	6048	G0	SSG	REG	1169	ON4	UAA	ERNI	3793	M0	VRT	LAURIE	8974
GW3	RDB	CLUB	10867	G4	SSH	ROY	0999	G0	UAD	TERRY	5500	G3	VRU	ERIC	4865
G4	RDM	PETER	0186	MW0	SSL	STEVE	8366	G0	UBE	JOHN	0934	ZL1	VS	BILL	9603
G0	RDO	JOHN	6459	G3	STD	St.Dunstons	6400	G0	UBO	ERNIE	7183	G0	VSS	RAY	1812
DJ3	RE	HANS	1894			ARC		G0	UER	CYRIL	2232	GW0	VSW	CARL	1887
VK4	RE	ROY	9656	G0	STE	STEVE	1875	GW0	UHL	BILL	1868	G0	VTE	CLIFF	6052
G0	REA	ROMA	0895	G0	STK	ALLAN	8984	G0	UHM	LES	3735	GM3	VTH	DAVE	8342
ZL1	RED	WILL	9089	G0	STR	BILL	1609	G4	UHM	STEVE	0304	G0	VTI	TERRY	1807
M5	REG	REG	9829	M0	STS	GORDON	10832	JA7	UHM	MASA	0018	G0	VTN	RON	1851
MW1	RES	FRANK	10834	G4	SVC	TIM	7102	G4	UIA	DEREK	3714	G3	VUN	GLORIA	1620
ZL3	REX	REX	9640	G0	SVX	IAN	2223	G4	UIQ	EDDIE	6441	G4	VUX	GRAHAM	3744
G3	RFH	KEN	8389	M0	SWL	BRIAN 2e0gwr	7136	G0	UJD	MERV	1680	9V1	VV	JOHN	8998
G0	RGO	MALCOLM	1134	ZL2	SWR	South Wairarapa	9618	VK2	UK	EDWARD	9620	G4	VVK	BERNARD	0838

G3	VVP	FRED	5541	JA8	XIC	KATO	8951
G3	VVT	COLIN	0713	G4	XJU	LAURIE	0153
G0	VVZ	DAVID	3721	DL5	XL	FELIX	10845
RA3	VY	VICTOR	1110	G3	XLW	DAVID	8388
G0	VYR	NORMAN	2844	G3	XMM	TOM	1395
G0	VYT	MICK	4831	G3	XNE	ART	7726
VK2	VZB	LLOYD	9083	G4	XPE	MIKE	0100
G0	VZV	DAVE	2286	GW4	XQH	JOHN	0576
G0	VZX	PETE	3715	VE6	XT	JOHN (VK4TJ)	9080
G0	WAF	STEVE	5523	VK3	XU	DREW	9629
M0	WAH	ALAN	5557	G4	XVE	JOHN	0342
G0	WAS	ALAN	2828	G3	XVF	RICHARD	0716
G0	WAY	BOB	2292	GM4	XVF	TONY	0009
G0	WBC	CHRIS	2261	VK4	XY	GEORGE	9069
G4	WBN	TREV	0381	G3	XY8	MARK	8904
G0	WBT	JEAN	2855	G3	XZQ	RON	3762
G0	WCB	ALAN	3772	G3	YER	DAVID	9809
GM4	WCE	PETER	0660	G4	YFD	FRANK	0486
M3	WDH	BILL	9844	G4	YHN	AKE	8304
G0	WDT	EDWARD	4868	DF2	YJ	JUR	8356
M0	WDX	HUW	9812	G4	YJB	RON	0601
GM0	WEZ	PETE	9832	SM0	YKB	vk3qb CHRIS	9085
G0	WFM	PETER	1880	G4	YLB	JIM	0492
BV2	WG	YANG	8978	JL3	YMV	FISTS JA	15000
G0	WHJ	DON	6447			National Club	
G0	WHO	ROBERT	6013	LA5	YNA	VERNER	10869
G0	WHV	ROGER	7137	G4	YNU	JOHN	0073
G3	WII	FRED	0559	G4	YRF	KEN	2266
6Y3	WJ	JOSH (g0nan)	4847	G3	YSK	JOHN	6497
9A2	WJ	DAKI	7767	G4	YSQ	TERRY (0344)	8939
G4	WJM	BILL	9841	G4	YSS	JOHN	6482
G4	WKG	ROB	0079	JE7	YTQ	CLUB	15100
G0	WKJ	CHRIS	2239	G3	YVH	ALAN	2202
G0	WKS	ERIC	6452	G4	YVY	TIM	10881
G0	WKW	VIC	9808	G4	YWP	DAVE	7705
GM4	WLN	BOB	5597	G3	ZDD	DEREK	1312
G0	WLP	ERNEST	4867	G3	ZFZ	GORDON	2886
G0	WLS	BRIAN	2227	G4	ZGP	GEOFF	3763
G0	WLX	ALAN	2208	G3	ZHE	ALBERT	5584
G0	WMC	PETER	2279	G3	ZHP	DAVID	9847
G0	WMD	MAX	10888	G4	ZIB	TONY	0811
GW0	WMT	STUART	4852	ON6	ZJ	LEON	4889
G0	WMW	DOUG	2813	G3	ZJJ	MIKE	0274
G4	WNA	TONY	0598	G4	ZJK	RON	4800
GW0	WNB	SID	1892	G4	ZLX	KEN	2258
G3	WNI	BILL	0413	G4	ZME	ERIC	5587
G3	WP	JACK	0310	G3	ZNR	DEREK	2816
G0	WPZ	JOHN	1814	G3	ZNT	DICK	6421
G4	WQO	PAUL LW1HPT	5518	G3	ZOD	GRA	8385
GW0	WQP	DAVE	6029	G3	ZOH	BRIAN	9876
G3	WQU	/E4 PETER	8306	G3	ZPF	DAVID	0355
BV2	WS	CHUNG	8977	G4	ZPY	GORDON	2278
G0	WSC	ROB	4812	G3	ZQS	GEO	0002
G4	WSL	ROY	7733	G3	ZRB	HARRY	6469
F3	WT	PIERRE	8916	G3	ZRJ	TONY	7727
ZL1	WT	BERNARD	9065	G3	ZRZ	IAN	0781
ZL2	WT	DAVID	9067	TA4	ZT	HEINZ (dk1ar)	8390
G4	WTD	COLIN	1841	G4	ZUL	STEVE	9827
G4	WUM	FRANK	8331	GW4	ZVL	HENRY	0538
G5	WW	PAUL	1345	G3	ZWF	JOHN	1896
G3	WWT	JOHN	1114	G4	ZWI	FRED	9889
G0	WXC	ROY	3760	GW4	ZWO	ADE	9864
G4	WYG	BRIAN	0449	DK5	ZX	DIETER	10893
G0	WYW	DAVID	3770	G4	ZXN	MARTIN	0103
G0	WZX	BRIAN	3704	JO1	ZZZ	JARL A1 CLUB	15200
G0	XAH	DAVID	2222				
G0	XCF	COLIN	2296				
G6	XCJ	REB	10855				
G4	XEC	LAURIE	8952				
G3	XED	CYRIL	6093				
PA7	XG	MIKE	2260				
M3	XGQ	TONY	8949				
G4	XHE	RICHARD	1365				
G4	XHZ	FRANK	0008				

Listed below are proud FISTS members who have commercial calls, maritime calls, SWLs and other CW supporters. Some may have Ham calls pending.

Linca	SWL #KCT1EW	3036
Paul	CZDO	4587

Pete	G SWL2	UK	4822
Gene			6868
Vic	G SWL3	UK	8920
David	WAKL		9227
Melvin			9302
Colin	ZL/VK No call		9663
Tomasz			10192
Noelle			11166
Anthony			11523
Billy			11541
James			11542

FISTS Clubs **Corrections?**
North, Central, South America, etc.

n7cfa@msn.com

2/7/2006

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AC9BP	Indiana Brass Pounders	10050
K0AAA	Zed's Dxers	9900
K0EFD	Ellicott Volunteer Fire Dept ARC	10175
K0ND	Theodore Roosevelt ARC	6100
K1FFF	New England CW Club	6200
K1USN	USS Salem Radio	9239
K2BNL	Brookhaven National Laboratory	10700
K2FFF	Fists of Long Island CW Club	7450
K2FOP	Fraternal Order of Police #145	6700
K2VOA	Piscataway Amateur Radio Club	10975
K2XOX	CW Operators Club	11850
K3AU	South Shore ARC (Maryland)	11175
K3DOV	Central Delaware Skywarn	7316
K3MJW	Skyview Radio Society	11625
K4EG	Alamance ARC	11375
K4FFF	FISTS CW Club of Florida	7000
K4FUN	Stone River ARC	11100
K4QWF	Oscar Russ Chambers Memorial ARC	11425
K4SPC	St. Petersburg College ARC	11566
K4UH	Med Wireless Society of Bay Pines	12100
K4VOC	Vortex of Chaos	11290
K5FFF	Pouncing Fox ARC	9750
K5PTC	Pesky Texan Contest Club	9725
K5TCC	Tarrant County College	7400
K6BA	Gopher Canyon DX Association	11555
K6FFF	Vista Valley FISTS CW Club	4444
K6FGA	Flour Garden ARC	11225
K6JSS	ARCI-QRP	12000
K6QR	Quantum Reality Radio Society	12075
K6TTX	East Bay Contest Society	4600
K7FFF	FISTS Northwest	4400
K7LOW	QRPacific QRP	7825
K7UAZ	University of Arizona ARC	10900
K8EY	FISTS CW Club of Michigan	3400
K8FST	Fairborn FISTS	9200
K8LGN	Hocking Valley ARC	10225
K9CWD	Hoosier Lakes Amateur Radio Club	10750
K9IM	9-0-4 Amateur Radio	8100
K9WM	Green River Valley AR Society	11275
K9YA	Robert F. Heytow Memorial RC	9500
KB7JOB	Brinnon Amateur Radio School	7800
KC5NWS	HF Loafers	4950
KC7EQW	Coronado Amateur Radio Club	8675
KC7WNV	Davis County	4175
KC8VC	Mich-A-Con Club	10150
KD5ZBF	Pumpkin Patch Contesters	10375
KE7FGK	Maliby Radio Club	11925
KE7PSG	Utah CW Operator's Club	12025
KE8RV	Madison County	10950
KG4GPV	Queen City CW	7350

KG4VJS	Springstead High School ARC	11700
KG4VLC	Carolinas FISTS Club	9450
KG6YSX	Orange Amateur Radio Club	11445
KH6BB	Battleship Missouri ARC	11222
KH6IS	Iolani School Club	11490
KH6JHM	PAC R.A.T.S. DX Club	11491
KH6KH	Honolulu Chapter 206 QCWA	11750
KH6RAT	Pacrat ARC	11370
KH6WO	Honolulu ARC	11221
KI4HJQ	Weiss Lake ARC	11200
KI6ADM	Minuteman ARC	11789
KI6DX	Little Rock Contest Club	10775
KK8STA	ST. Antoninus School Radio Cl	7850
KM1CC	Cape Cod Visitors Center Club	9575
KN0WCW	FISTS USA	10000
KP4BY	Puerto Rico CW and Contest Club	10675
KS0CW	Kansas CW Club	10425
KS9SSS	Family Amateur Radio Club	11050
N0HT	Haney Vo-Tech ARC	11220
N1ME	Pine State Amateur Radio Club	10725
N1ZIZ	Genesis Amateur Radio Club	10575
N2MO	Ocean Monmouth ARC	11400
N4ENC	Eastern NC CW Club	12050
N4JBB	John Bruce Beveridge Memorial R C	4571
N4SDM	Sam Davis Memorial CW Club	10600
N5FFF	Red Stick FISTS	9250
N6VOA	IBB Delano ARC	10450
N7CRG	Clearfield Syracuse Emerg. Radio	2797
N7KE	Redmond Top Key Contest Club	11800
N8CWG	PhonLess in America Morse	3500
NA3QC	North American QRP CW Club	11900
NB6GC	USS Hornet	5600
NC4CW	FISTS Club of Coastal Georgia	5200
ND1U	Notre Dame ARC	5650
NJ2BB	Battleship New Jersey	9262
NJ6VT	USS Pamanito	3077
NK3ST	USS Torsk	6600
NN3SI	The Smithsonian ARC	11333
NU5DE	Naturist ARC	8050
NY3EC	USS Requin	1443
VA2FFF	FISTS in Quebec Club	11125
VA3BRC	Brockville ARC	10100
VA3FFF	Canadian Club	9325
VA7TRS	Thompson River ARS	9400
VE3CGJ	Haida (Ship)	7230
VE3HRC	Heritage Amateur Radio	7300
VE3LTQ	Little Thunder ARC	10325
VE3SCA	Algoma Senior's Electronic Communicators	10025
VE6SSC	Edmonton Odysium Am. Station	9950
VE9CRM	Club Radio Amateur du Madawaska	8600
W0EQO	Courage HandiHams	10075
W0ICT	South Heartland Amateur Radio Contest Club	11444

FISTS Clubs**Corrections?**n7cfa@msn.com

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W0JER	Magic City QRP Club	11975
W0SCI	Science Center of Iowa	11475
W0ZSW	HandiHam System of Minnesota	10073
W1AEC	S.E. Mass. Amateur Radio Club	10555
W1AQ	Radio Amateurs of New England	7950
W1AW	Operators Club. ARRL HQ	10200
W1AWW	Walled Lake ARC	8450
W1FFF	SW NH FISTS Club	11250
W1RRC	West River Radio Club	11450
W2LZ	Walton Radio Association. NY	9100
W2MO	Madison-Oneida County Club	8250
W2ZJ	Elmira Amateur Radio Club	11000
W2ZQ	Delaware Valley	5850
W3DV	Woodwardville ARC	1975
W3GR	Historical Electronics Museum	9275
W3HZW	Kent County ARC	2512
W3IYQ	E.L. "Doc" Sielke Memorial	8500
W3PGA	Aero Amateur Radio Club	11525
W4BPH	Bay Pines Vet. Hospital Club	8075
W4BPR	Battleship Park Radio Club. Inc.	11950
W4DIT	Cedar Forest QRP Group	11355
W4FCR	FISTS QSL Bureau	7007
W4FFF	FISTS Club of North Carolina	9700
W4GAC	St. Petersburg Amateur Radio	7875
W4GGM	Maury ARC	5700
W4HFH	Alexandria Radio Club	2963
W4MVZ	Working Class Telegraphy	7600
W4UJ	The Henry Felton Memorial Radio Club	11600
W4UOT	Middle Tennessee ARC. Inc.	10300
W5AS	QCWA #63 Club	11263
W5BYU	Bayou Club	5999
W5DAR	Deming ARC	7500
W5KL	Leland Smith Memorial Club	6780
W5MSQ	Houston QRP Club	11025
W5PAA	Aeronautical Center ARC	11575
W5YA	High Desert Wireless Club	5300
W6MTC	Morse Telegraph ARC	10350
W6OI	10-10 International	8700
W6RO	Queen Mary Radio Room	9350
W6VLD	Boeing Employees Amateur Radio Society	11295
W7DG	Lower Columbia ARC	5777
W7DK	Radio Club of Tacoma	10500
W7FST	Reno QRP Group	5900
W7JD	South Tacoma ARC	10525
W7PXL	Radio Valley Club	8800
W7SU	Ogden ARC	7001
W7TU	Utah's Dixie DX and Contest	9475
W7VMI	Vashon-Maury Island ARC	11550
W8AG	Catalpa ARS	4300
W8BAA	Chippewa ARC	10400
W8DC	Grand Rapids ARA	11460
W8DXI	Michigan DX Association	9300
W8EOC	Medina 2 meter Group	10250

W8FFF	Ohio Valley FISTS	7200
W8LKY	Alliance ARC	6360
W8NCK	Sandusky Valley ARC	8200
W8PIG	Flying Pigs QRP	7373
W8QQQ	Shiawasee County ARC	11325
W8TCM	Cherryland ARC	6800
W9AXD	Rockford FISTS	7250
W9AZ	Kankakee Area ARA	11495
W9FFF	FISTS of Illinois	6900
W9IDE	W. Indiana Digital	2955
W9VT	Tri Town Radio Amateur Club. Inc.	11875
WAIRES	Penobscot County Club	11075
WA1USA	Pawtuxet Valley ARC	8400
WA2NPP	Rutgers University ARC	8150
WA4UXJ	Central Kentucky ARC	11150
WA4VVA	Floyd H. Martin, Jr. ARC	11500
WA6FFF	Inland Empire	6300
WA7YYY	Cowlitz FISTS ARC	1900
WB0RMK	SMARTS SW Metro Amateur Radio Transmitting Society	10550
WB5NET	Southeast Louisiana ARC	10275
WC4AR	Wilson Amateur Radio Club	10625
WC4CW	Low Key Contesters	5100
WC5T	Williamson County ARC	8000
WD8IEL	Chelsea ARC	11395
WH0DAT	Who Dat Radio Gang of Saipan	11300
WI8E	Swartz Creek RF Club	11350
WP4NNE	Tornado Ham Radio Club	10475
WQ3RP	Maryland Milliwatt	5059
WS9CAN	Southern Counties Amateur Network	9550

Europe, UK, Asia, JA, ZL, VK etc.

2E0000	Scarborough ARC	7777
9A0CW	HVRATSKI Club	7795
9A1CTL	Radio Club LIPIK	9821
G0GGU	Club	0491
G0IPX	HQ Club	0001
G2HDF	Club	7782
G3CRC	Club	8301
G3LRS	Leicester Radio Society	6411
G3STD	St. Dunstons ARC	6400
G4BPO	CLUB (Also GX4BPO)	10865
G4TTF	Bishops Auckland ARC	6471
GB2BP	Museum Club	1890
GB2MC	The Mockleburg Collection	6063
GB2PLY	HMS Plymouth	6092
GB2RL	Roker Lighthouse	8933
GC0EJE	Pembrokeshire ARC	8390
GW3RDB	CLUB	10867
GX0BAR	Brickfield ARS	8359
GX0IPX	HQ Club	0001
GX0NWM	Tynemouth ARC	8908
GX0000	Scarborough Special Events	1000

FISTS Clubs**Corrections?****n7cfa@msn.com****2/7/2006****3**

GX3EEO	Nunnsfield House ARC	7101
GX4BPO	CLUB (Also G4BPO)	10865
JE7YTQ	FISTS-JA7 Club	15100
JL3YMV	FISTS JA National Club	15000
JO1ZZZ	JARL A1 Club	15200
M0ERG	Club	9838
M5HDF	Midland Contest Group	8340
MX0CCF	Scarborough College CCF	6499
MX5IPX	FISTS Club HQ	7778
RZ1AWG	Club	5509
VK2FDU	FISTS Down Under Australia	9610
VK4RC	/VK4IZ Redcliffe ARC	9066
ZL2SWR	South Wairarapa Radio Club	9618
ZL6FF	FISTS Down Under New Zealand	9600

FISTS CW CLUB
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There are ten issues of The Keynote each year.

This is Issue 1, the Reference Issue. Please read it and hold on to it for future reference (hence, the name "Reference Issue"). I have tried to include information on things you need to know to get the most out of your FISTS membership.

If you have any suggestions for inclusions in next year's Reference Issue, please let me know!

Please check your label for your renewal month and year.

73,

Nancy WZ8C